

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002904.D
 Acq On : 16 Jun 2020 12:59
 Operator : SY/MD
 Sample : VY0616SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Quant Time: Jun 17 01:46:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	260169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	383521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	362452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	112930	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	7.72	113	114961	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
50) Toluene-d8	10.18	98	444040	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.48	95	159315	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	34351	19.189	ug/l	100
3) Chloromethane	2.12	50	42571	21.499	ug/l	99
4) Vinyl Chloride	2.26	62	42408	20.263	ug/l	95
5) Bromomethane	2.65	94	33121	21.118	ug/l	98
6) Chloroethane	2.79	64	29155	21.489	ug/l	95
7) Trichlorofluoromethane	3.13	101	81521	21.993	ug/l	98
8) Diethyl Ether	3.54	74	29322	20.259	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48131	21.869	ug/l	96
10) Methyl Iodide	4.10	142	64406	20.914	ug/l	98
11) Tert butyl alcohol	4.97	59	31584	123.630	ug/l #	88
12) 1,1-Dichloroethene	3.88	96	47880	21.633	ug/l	98
13) Acrolein	3.74	56	18974	71.674	ug/l	100
14) Allyl chloride	4.49	41	69016	21.742	ug/l	99
15) Acrylonitrile	5.18	53	73137	112.009	ug/l	99
16) Acetone	3.96	43	61540	116.178	ug/l	99
17) Carbon Disulfide	4.20	76	129088	19.301	ug/l	99
18) Methyl Acetate	4.49	43	35267	26.070	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	136645	22.363	ug/l	100
20) Methylene Chloride	4.72	84	62399	24.105	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	52547	21.111	ug/l	95
22) Diisopropyl ether	6.13	45	144844	21.958	ug/l	94
23) Vinyl Acetate	6.07	43	471651	108.296	ug/l	99
24) 1,1-Dichloroethane	6.03	63	84770	21.968	ug/l	99
25) 2-Butanone	7.00	43	94151	114.084	ug/l	99
26) 2,2-Dichloropropane	6.99	77	82558	22.308	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	60672	21.774	ug/l	99
28) Bromochloromethane	7.34	49	35413	22.355	ug/l	100
29) Tetrahydrofuran	7.36	42	59807	111.411	ug/l	99
30) Chloroform	7.52	83	91216	22.276	ug/l	94
31) Cyclohexane	7.79	56	79007	20.622	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	84285	22.089	ug/l	99
36) 1,1-Dichloropropene	7.92	75	69181	21.414	ug/l	99
37) Ethyl Acetate	7.08	43	40978	23.313	ug/l	99
38) Carbon Tetrachloride	7.91	117	79702	22.208	ug/l	99

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 Sample : VY0616SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Quant Time: Jun 17 01:46:06 2020
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 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	88961	20.891	ug/l	99
40) Benzene	8.17	78	207493	21.736	ug/l	100
41) Methacrylonitrile	7.35	41	54274	57.475	ug/l #	31
42) 1,2-Dichloroethane	8.24	62	59585	22.272	ug/l	100
43) Isopropyl Acetate	8.28	43	74125	22.254	ug/l	99
44) Trichloroethene	8.94	130	65272	21.647	ug/l	99
45) 1,2-Dichloropropane	9.22	63	50677	22.137	ug/l	98
46) Dibromomethane	9.31	93	30108	22.145	ug/l	99
47) Bromodichloromethane	9.50	83	72532	22.630	ug/l	96
48) Methyl methacrylate	9.30	41	33218	22.091	ug/l	99
49) 1,4-Dioxane	9.30	88	9146	438.123	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	198221	112.382	ug/l	100
52) Toluene	10.24	92	137464	22.013	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	79279	22.646	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	88673	22.354	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	46896	22.531	ug/l	94
56) Ethyl methacrylate	10.51	69	62713	22.495	ug/l	99
57) 1,3-Dichloropropane	10.79	76	77319	22.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	153375	112.591	ug/l	100
59) 2-Hexanone	10.83	43	143703	114.828	ug/l	100
60) Dibromochloromethane	10.99	129	59732	22.636	ug/l	99
61) 1,2-Dibromoethane	11.09	107	46177	22.490	ug/l	99
64) Tetrachloroethene	10.72	164	69877	21.212	ug/l	99
65) Chlorobenzene	11.52	112	156113	21.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	59567	22.078	ug/l	99
67) Ethyl Benzene	11.60	91	270140	21.751	ug/l	98
68) m/p-Xylenes	11.70	106	211005	43.820	ug/l	99
69) o-Xylene	12.03	106	98589	21.688	ug/l	97
70) Styrene	12.04	104	172088	21.838	ug/l	99
71) Bromoform	12.20	173	41082	22.756	ug/l #	99
73) Isopropylbenzene	12.33	105	273734	21.239	ug/l	99
74) N-amyl acetate	12.14	43	71137	21.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	52055	23.020	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	74056	40.866	ug/l #	100
77) Bromobenzene	12.61	156	70467	20.998	ug/l	99
78) n-propylbenzene	12.67	91	317100	21.300	ug/l	99
79) 2-Chlorotoluene	12.75	91	176532	21.139	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	231817	21.542	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	20326	21.132	ug/l	97
82) 4-Chlorotoluene	12.86	91	186131	21.273	ug/l	100
83) tert-Butylbenzene	13.08	119	207348	21.601	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	234501	21.672	ug/l	99
85) sec-Butylbenzene	13.25	105	284608	21.685	ug/l	100
86) p-Isopropyltoluene	13.37	119	266895	21.854	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	138172	21.736	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	138080	21.714	ug/l	99
89) n-Butylbenzene	13.70	91	242924	21.909	ug/l	99
90) Hexachloroethane	13.96	117	50119	21.921	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	128242	22.245	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9544	21.937	ug/l	97

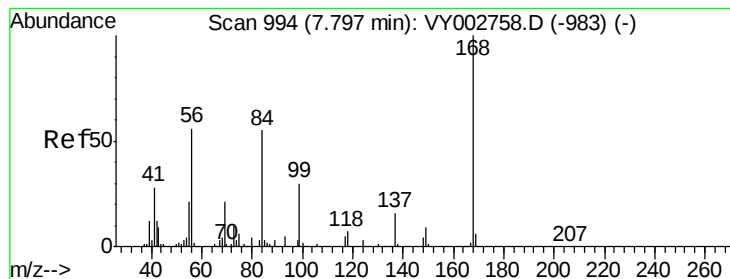
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
Data File : VY002904.D
Acq On : 16 Jun 2020 12:59
Operator : SY/MD
Sample : VY0616SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

Quant Time: Jun 17 01:46:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	98346	22.632	ug/l	100
94) Hexachlorobutadiene	15.11	225	55945	22.699	ug/l	99
95) Naphthalene	15.23	128	192548	22.100	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	87935	22.662	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

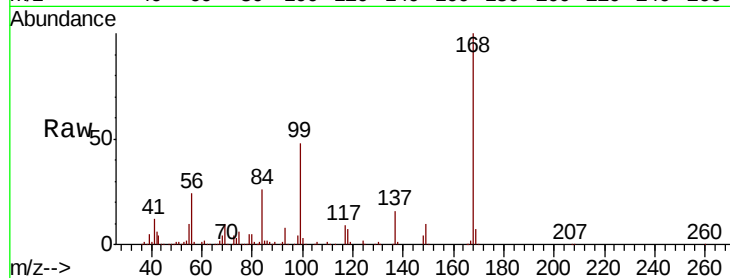
VY0616SBS01

Tot Ion:168 Resp: 260169

Ion Ratio Lower Upper

168 100

99 48.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

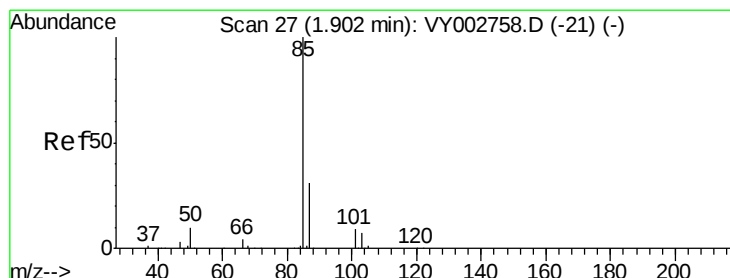
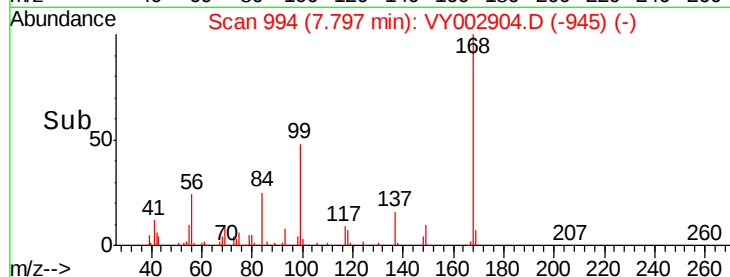
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.189 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002904.D

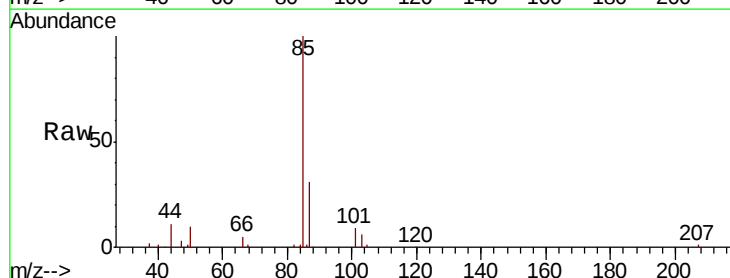
Acq: 16 Jun 2020 12:59

Tgt Ion: 85 Resp: 34351

Ion Ratio Lower Upper

85 100

87 31.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

25000

20000

15000

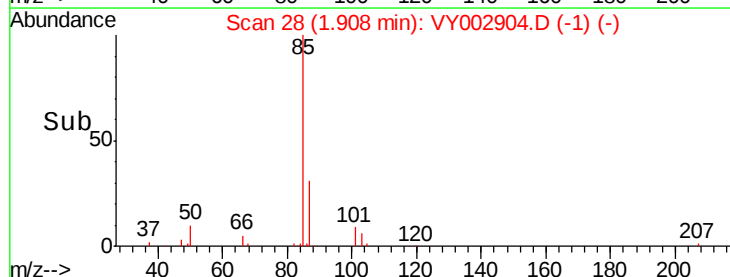
10000

5000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.499 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

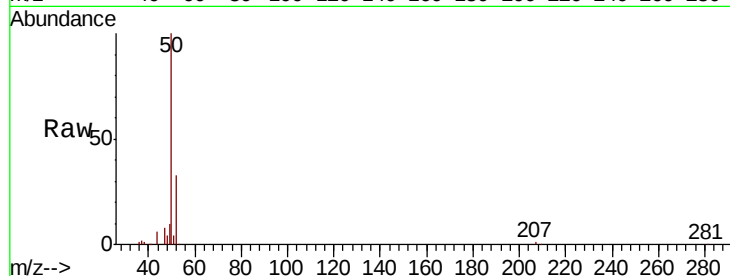
VY0616SBS01

Tot Ion: 50 Resp: 42571

Ion Ratio Lower Upper

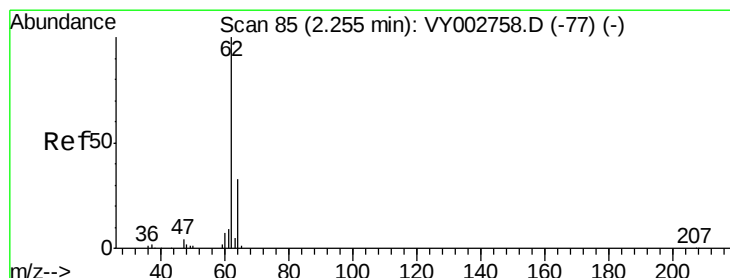
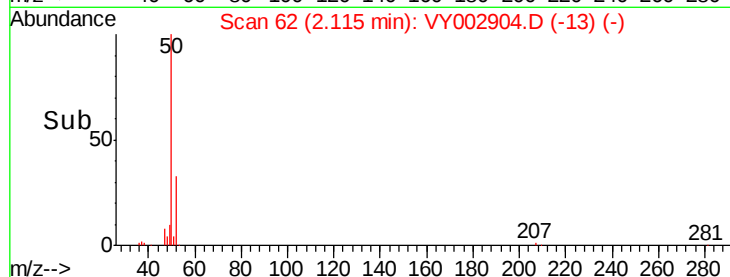
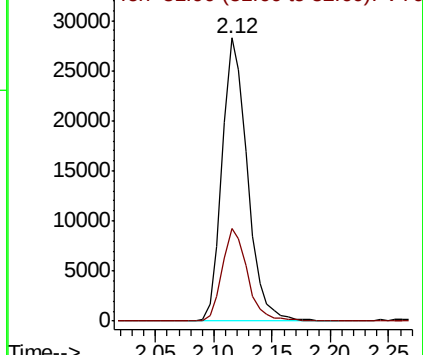
50 100

52 32.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.263 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002904.D

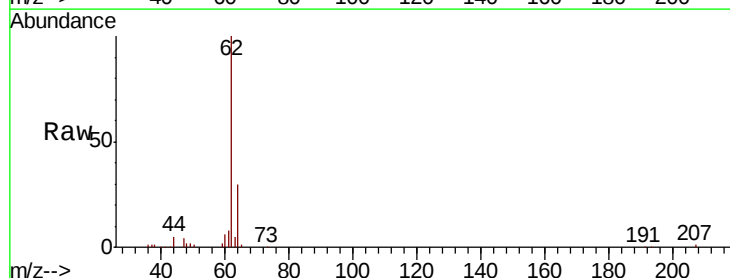
Acq: 16 Jun 2020 12:59

Tgt Ion: 62 Resp: 42408

Ion Ratio Lower Upper

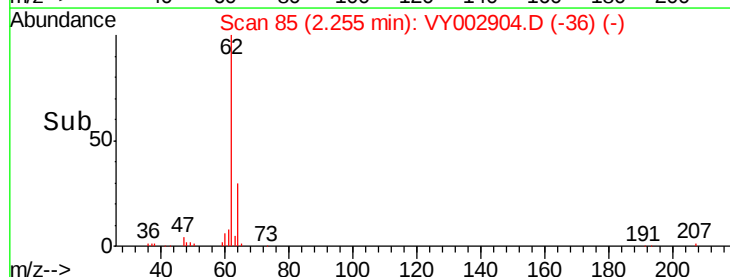
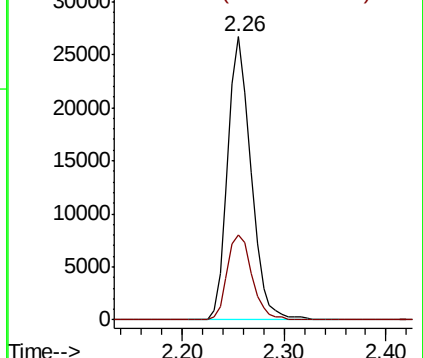
62 100

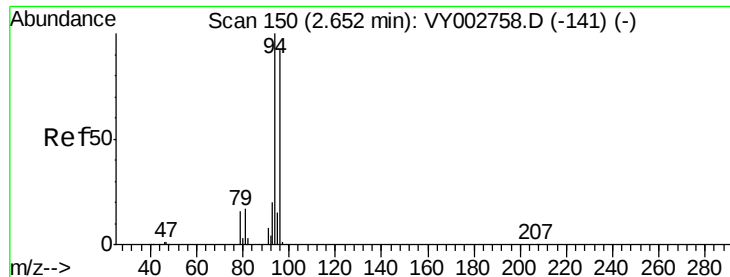
64 30.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.118 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

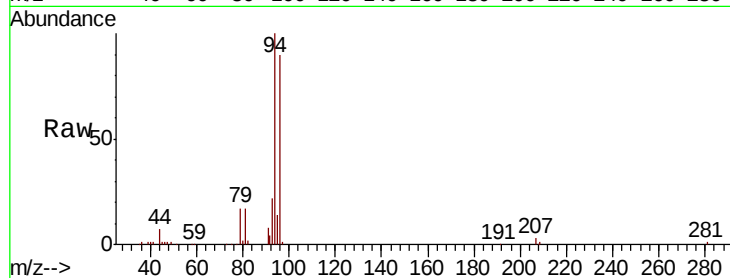
VY0616SBS01

Tot Ion: 94 Resp: 33121

Ion Ratio Lower Upper

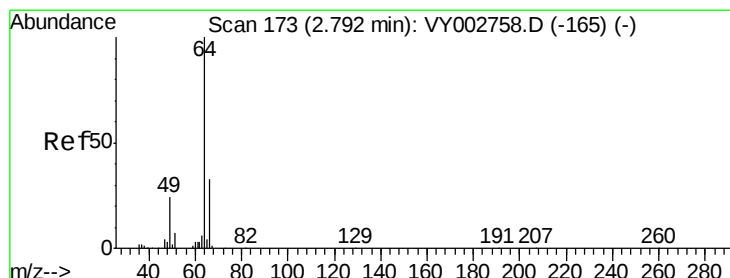
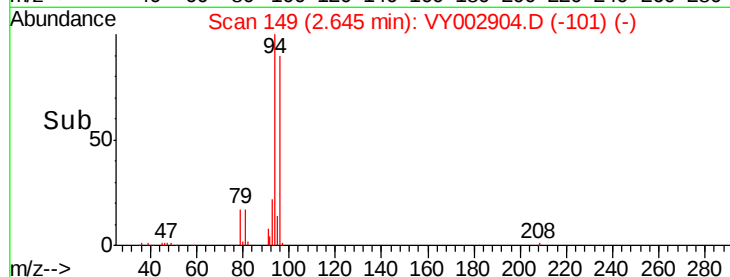
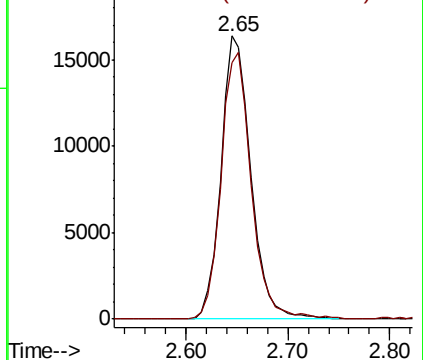
94 100

96 90.4 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.489 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY002904.D

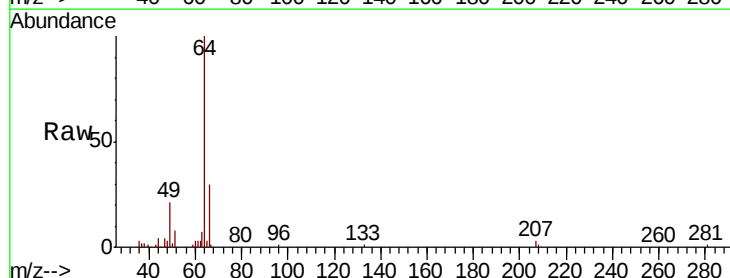
Acq: 16 Jun 2020 12:59

Tgt Ion: 64 Resp: 29155

Ion Ratio Lower Upper

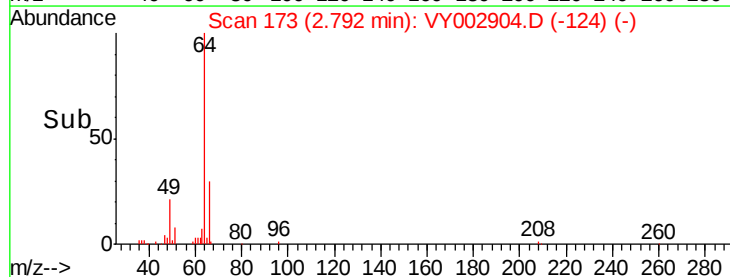
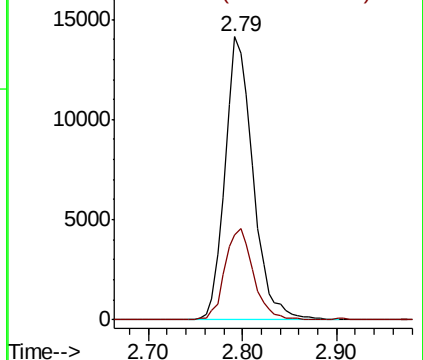
64 100

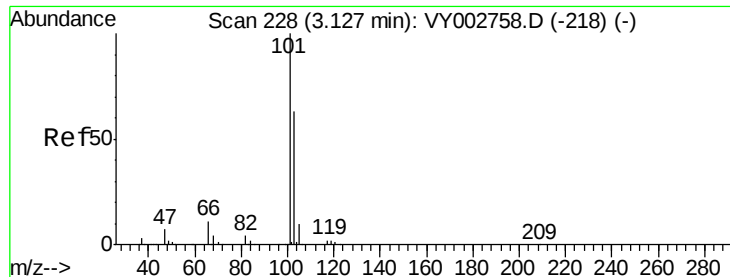
66 30.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



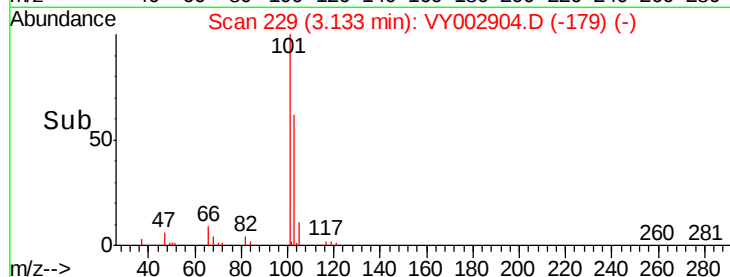
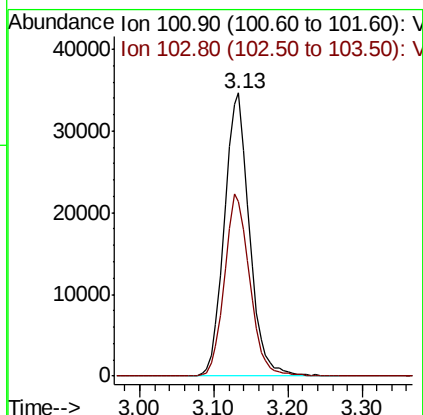
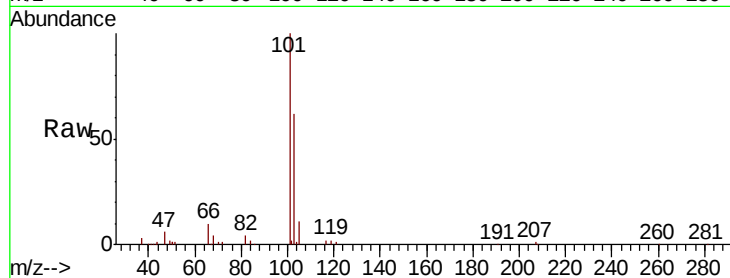


#7

Trichlorofluoromethane
 Concen: 21.993 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

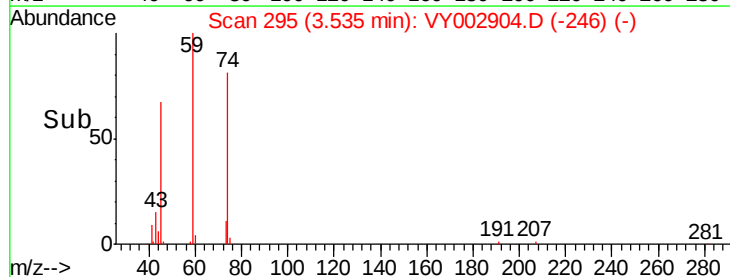
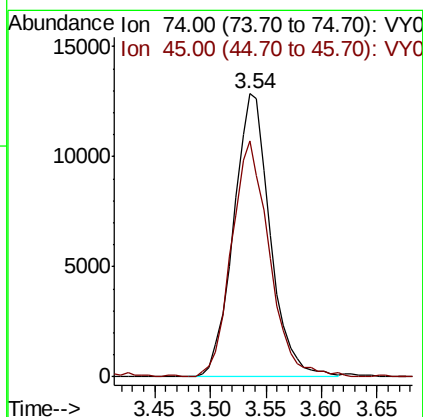
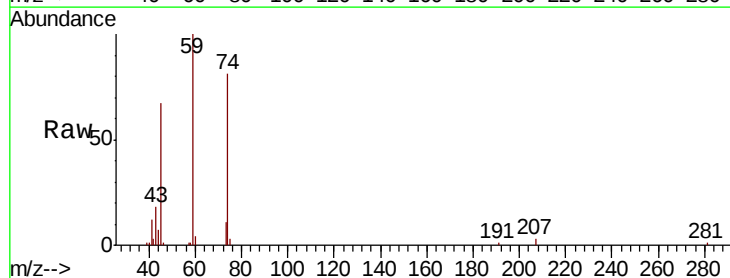
Tot Ion:101 Resp: 81521
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.6 76.0

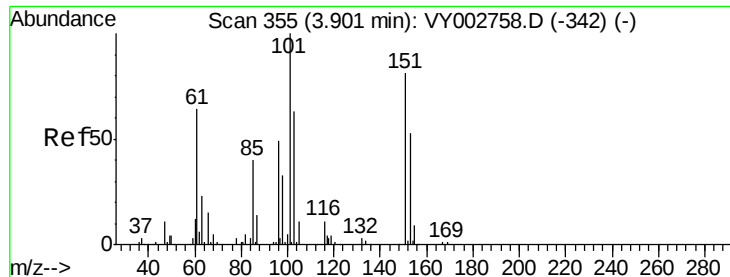


#8

Diethyl Ether
 Concen: 20.259 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion: 74 Resp: 29322
 Ion Ratio Lower Upper
 74 100
 45 85.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.869 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

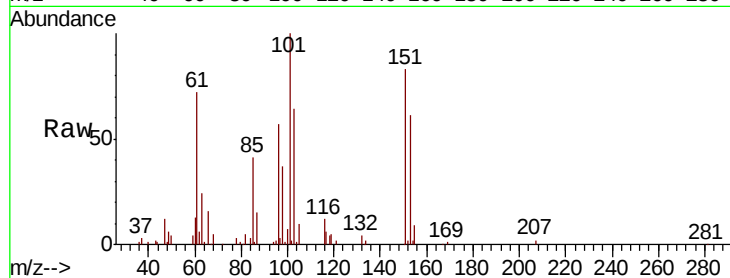
Tot Ion:101 Resp: 48131

Ion Ratio Lower Upper

101 100

85 42.2 32.7 49.1

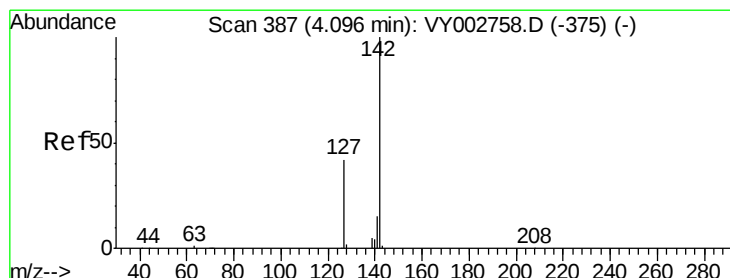
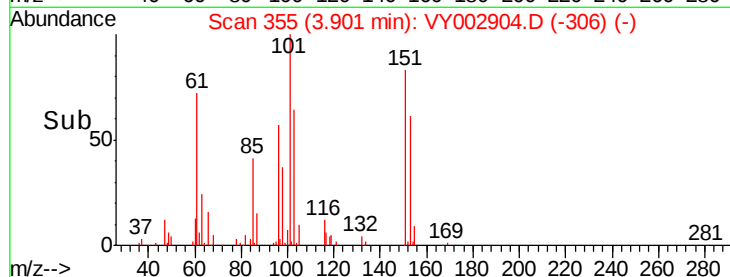
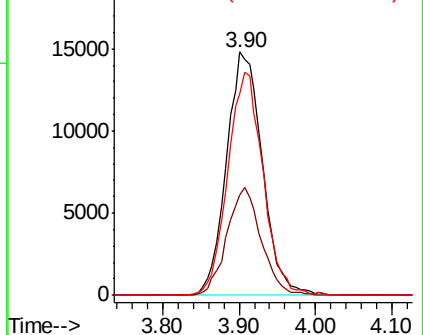
151 89.8 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.914 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

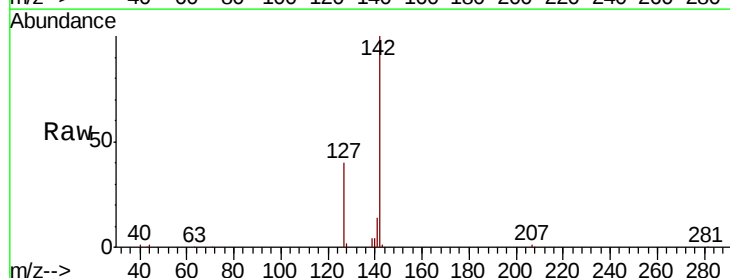
Tgt Ion:142 Resp: 64406

Ion Ratio Lower Upper

142 100

127 40.4 33.3 49.9

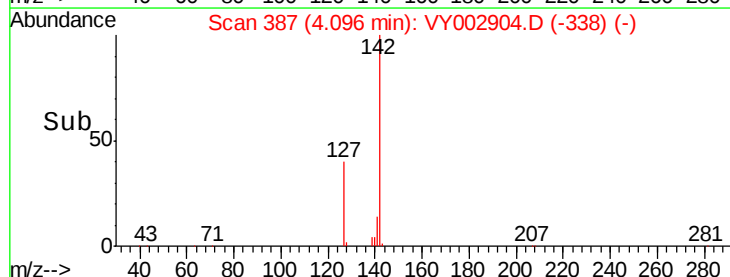
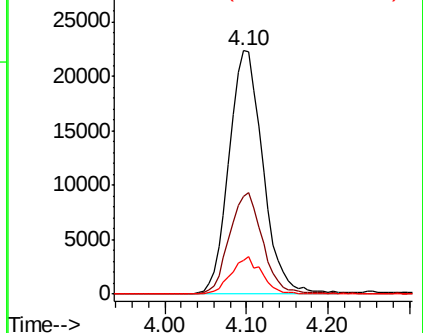
141 13.8 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

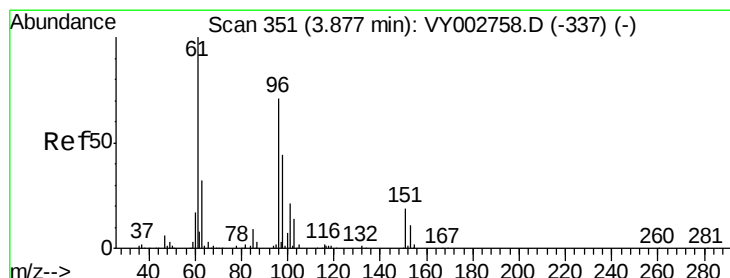
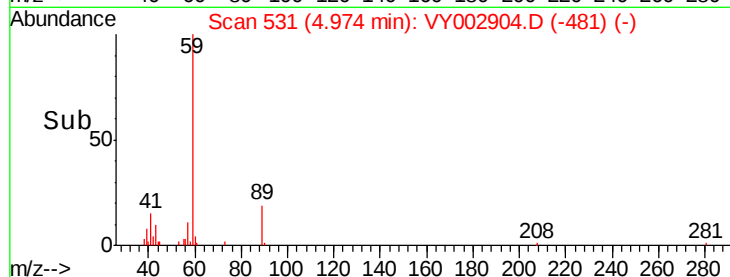
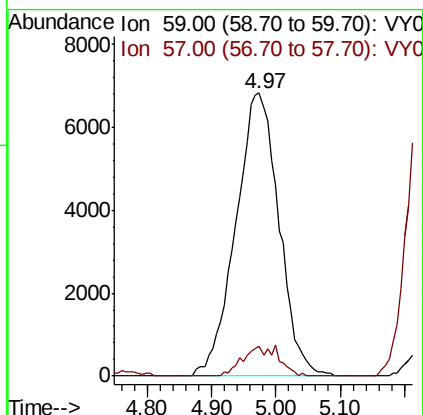
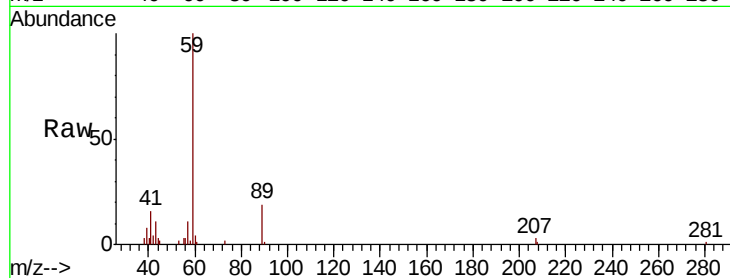




#11
Tert butyl alcohol
Concen: 123.630 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

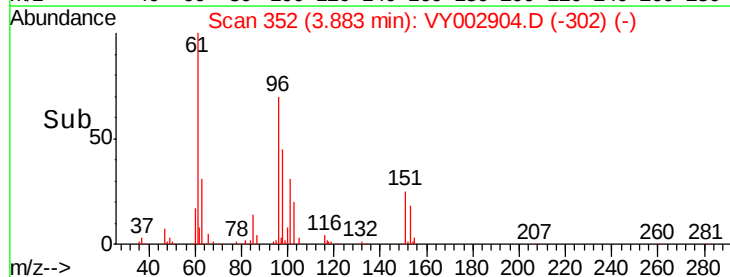
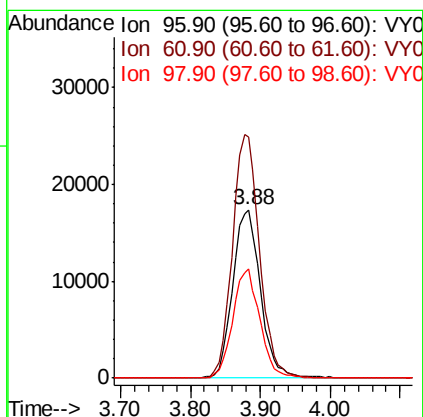
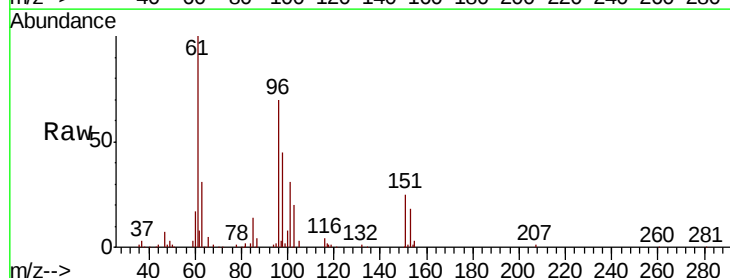
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

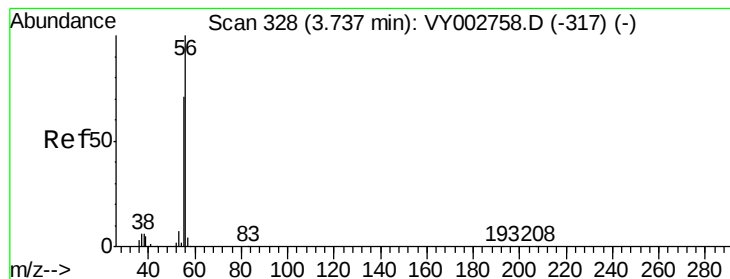
Tot Ion: 59 Resp: 31584
Ion Ratio Lower Upper
59 100
57 5.1 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.633 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion: 96 Resp: 47880
Ion Ratio Lower Upper
96 100
61 143.2 112.6 168.8
98 64.8 50.0 75.0





#13

Acrolein

Concen: 71.674 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

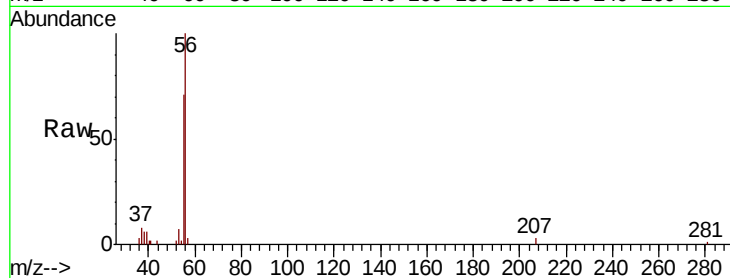
VY0616SBS01

Tot Ion: 56 Resp: 18974

Ion Ratio Lower Upper

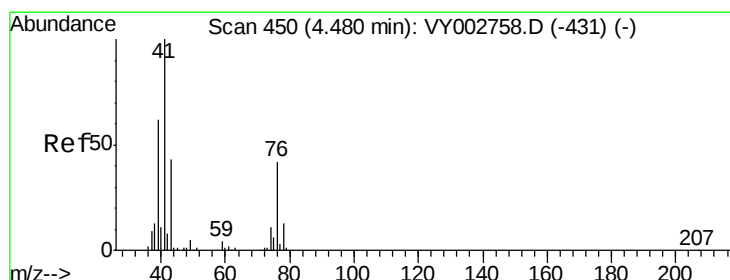
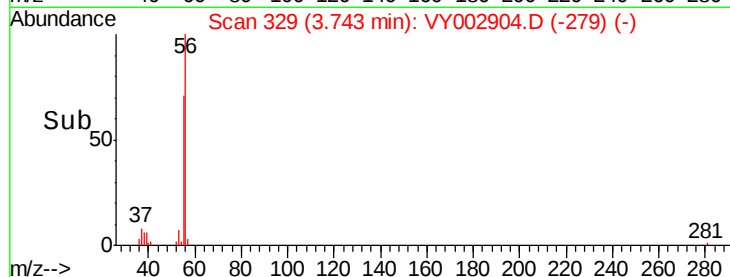
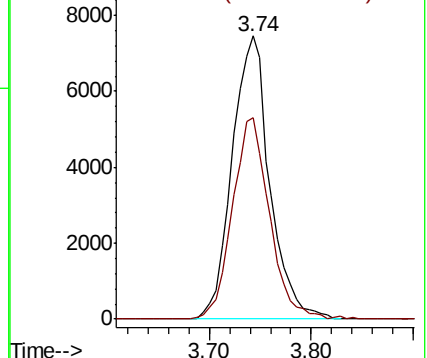
56 100

55 70.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.742 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

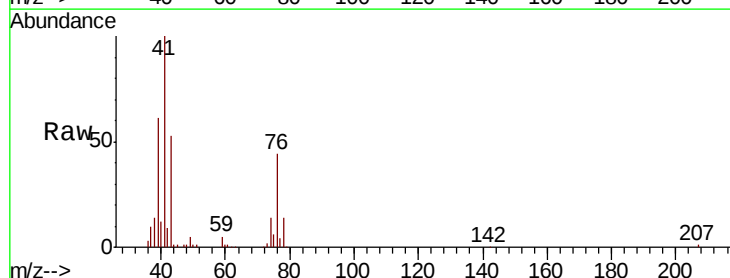
Tgt Ion: 41 Resp: 69016

Ion Ratio Lower Upper

41 100

39 63.1 49.9 74.9

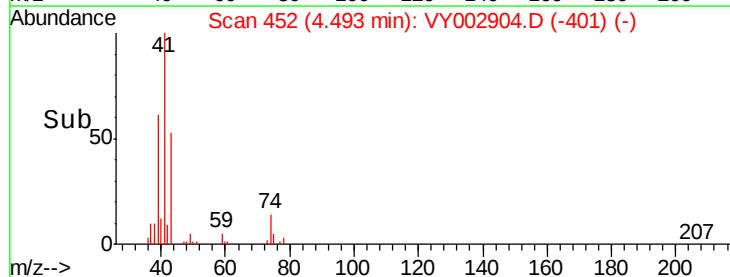
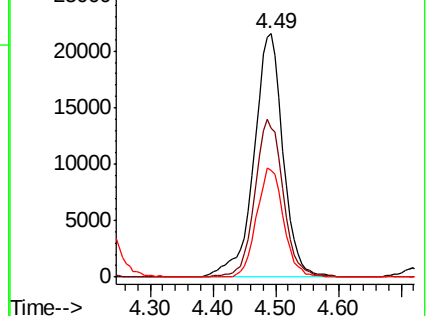
76 41.5 33.2 49.8

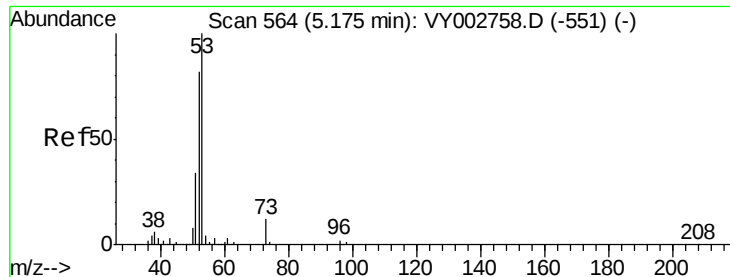


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 112.009 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

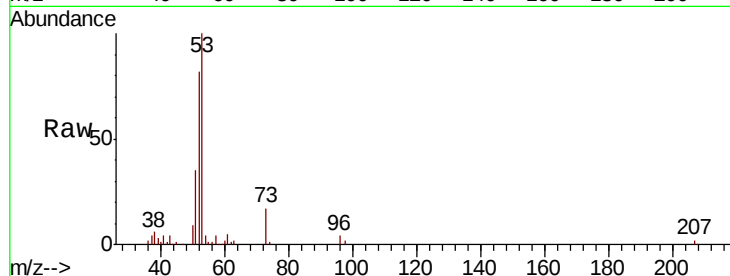
Tot Ion: 53 Resp: 73137

Ion Ratio Lower Upper

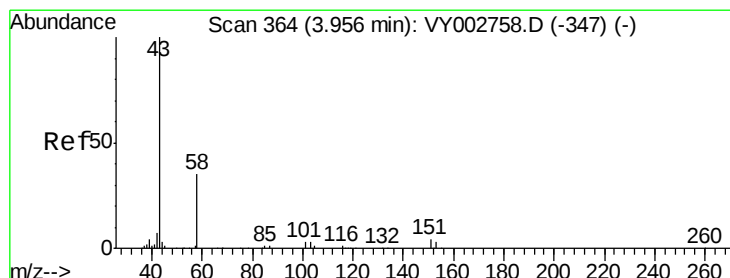
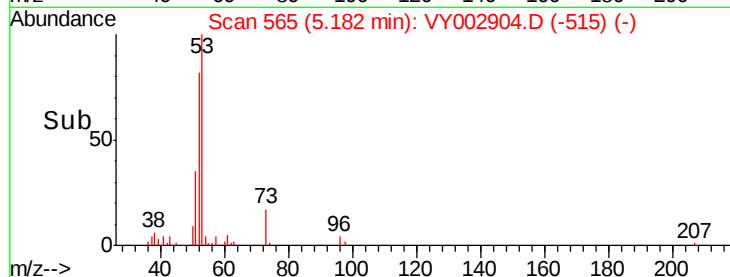
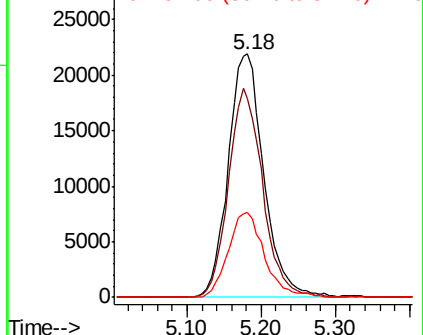
53 100

52 82.7 65.3 97.9

51 35.5 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 116.178 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002904.D

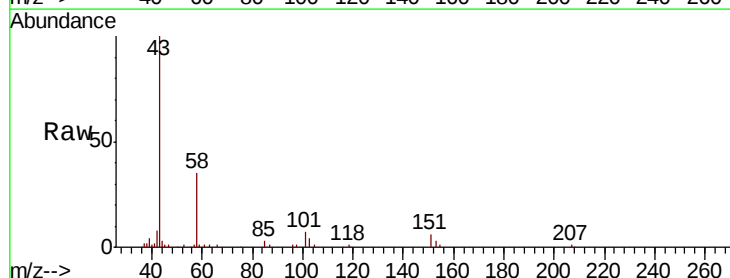
Acq: 16 Jun 2020 12:59

Tgt Ion: 43 Resp: 61540

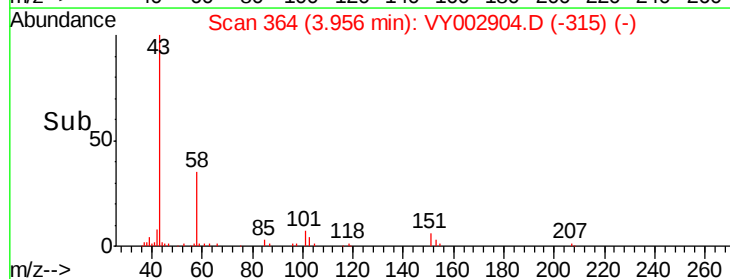
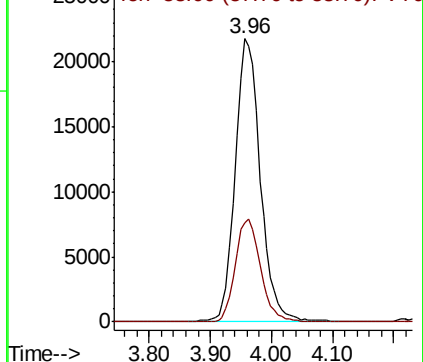
Ion Ratio Lower Upper

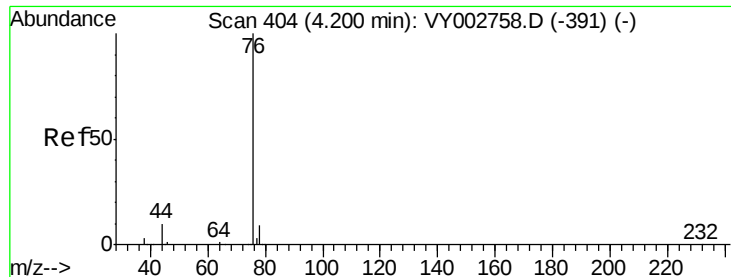
43 100

58 35.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.301 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

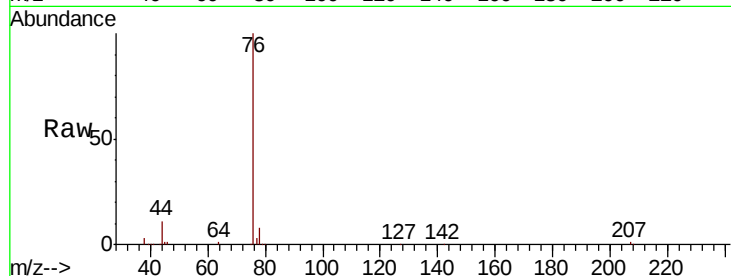
VY0616SBS01

Tot Ion: 76 Resp: 129088

Ion Ratio Lower Upper

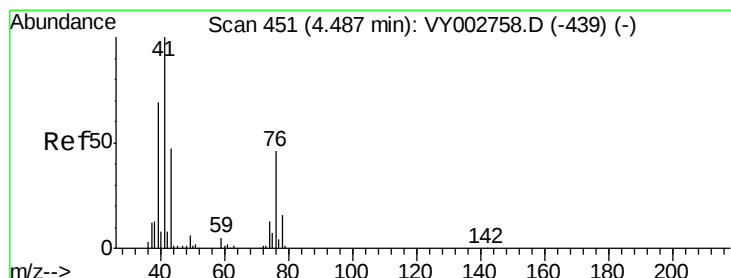
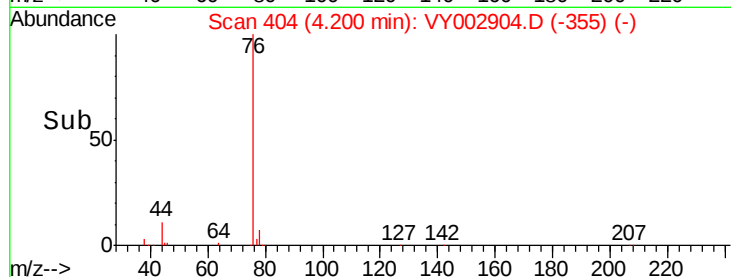
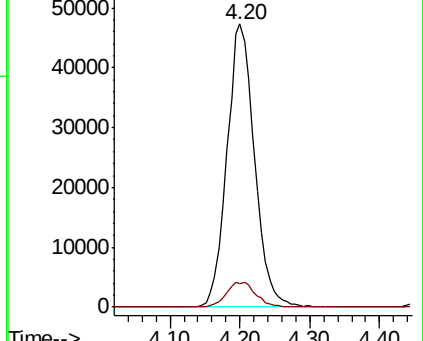
76 100

78 8.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 26.070 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002904.D

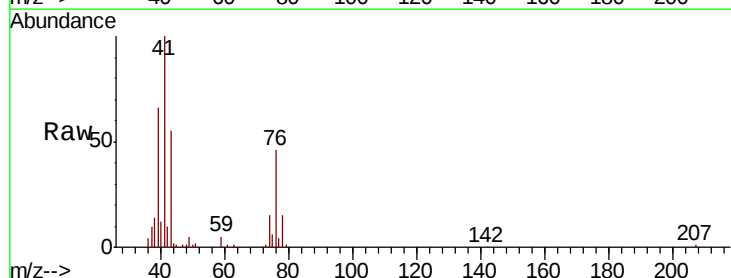
Acq: 16 Jun 2020 12:59

Tgt Ion: 43 Resp: 35267

Ion Ratio Lower Upper

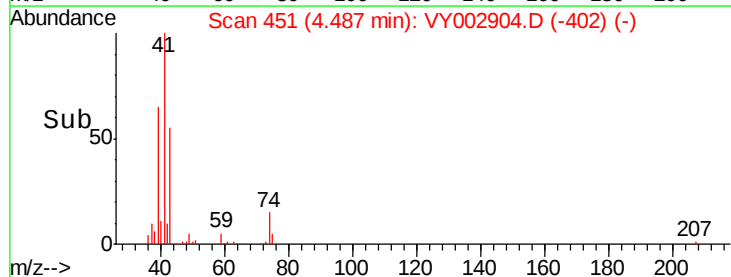
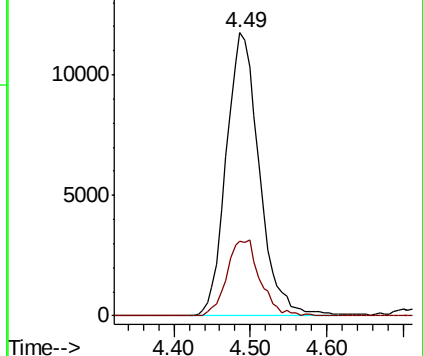
43 100

74 26.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



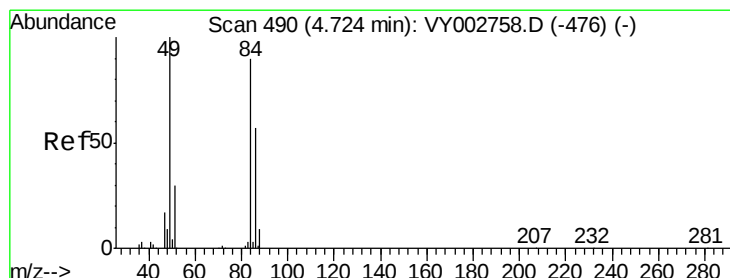
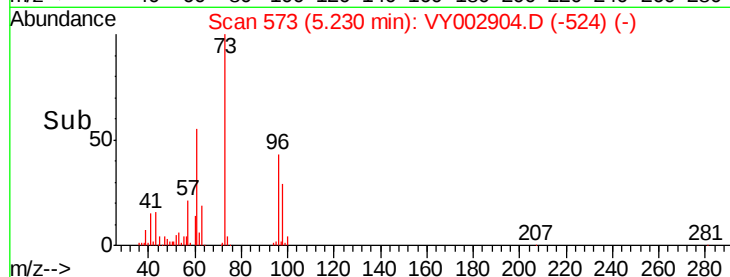
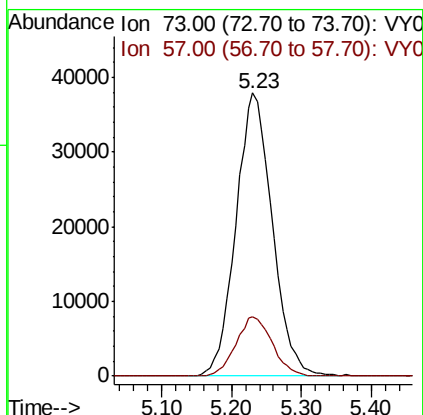
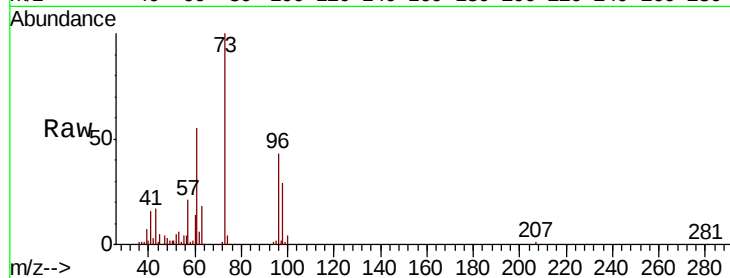


#19

Methyl tert-butyl Ether
 Concen: 22.363 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

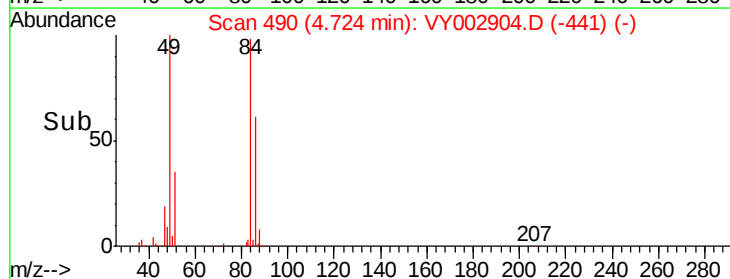
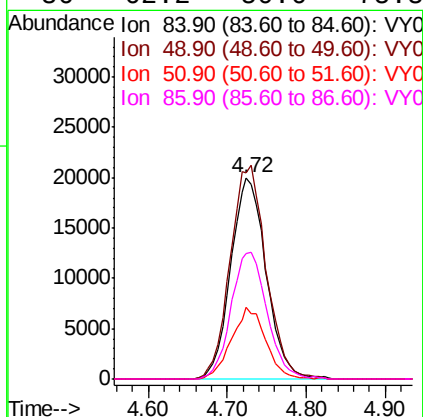
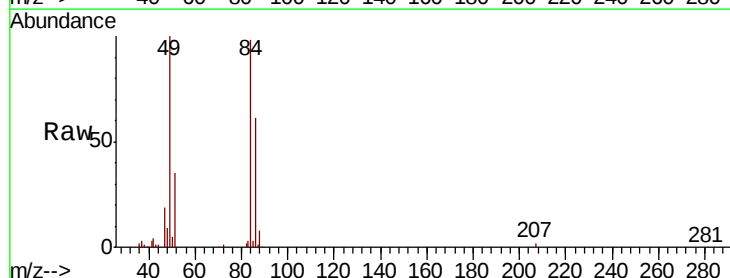
Tot Ion: 73 Resp: 136645
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.0 25.4



#20

Methylene Chloride
 Concen: 24.105 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion: 84 Resp: 62399
 Ion Ratio Lower Upper
 84 100
 49 102.5 88.5 132.7
 51 35.6 26.8 40.2
 86 62.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.111 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

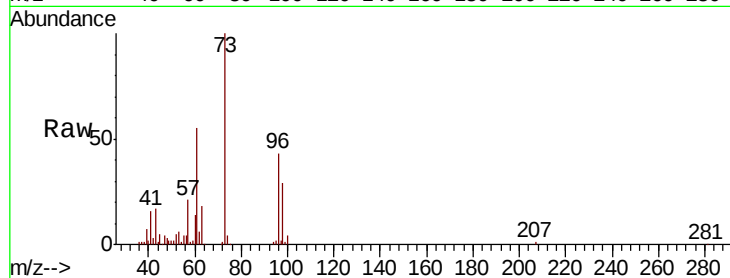
Tot Ion: 96 Resp: 52547

Ion Ratio Lower Upper

96 100

61 126.2 96.8 145.2

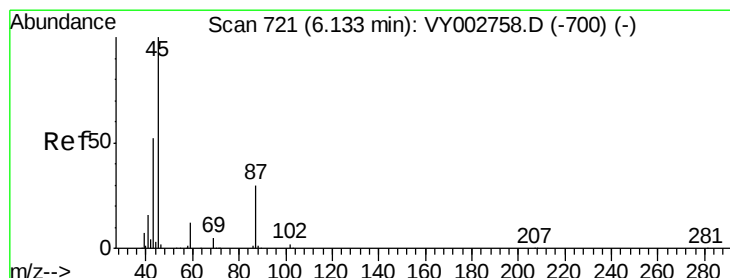
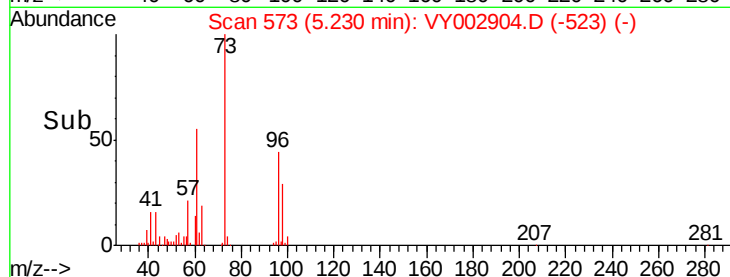
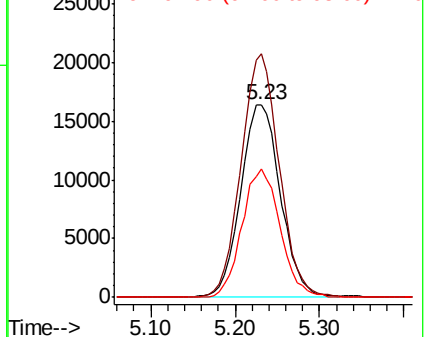
98 66.3 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.958 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Tgt Ion: 45 Resp: 144844

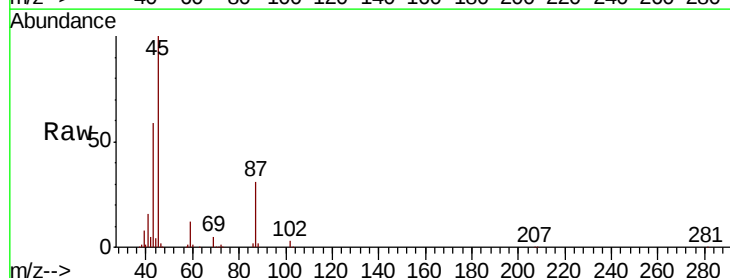
Ion Ratio Lower Upper

45 100

43 58.8 41.7 62.5

87 31.5 24.2 36.2

59 11.8 9.8 14.8

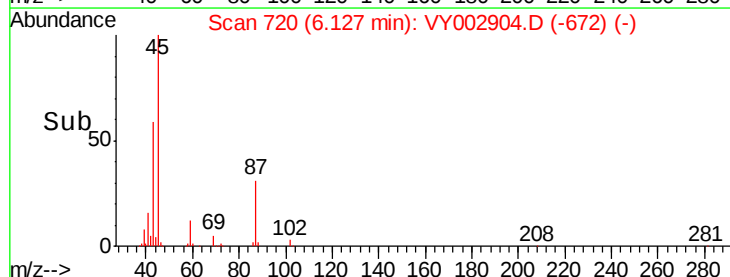
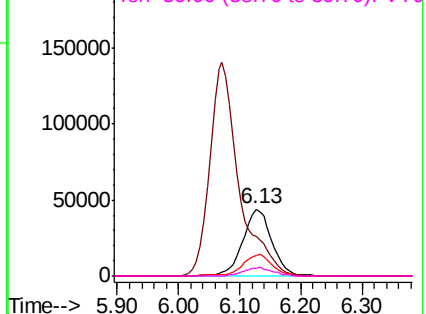


Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 108.296 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

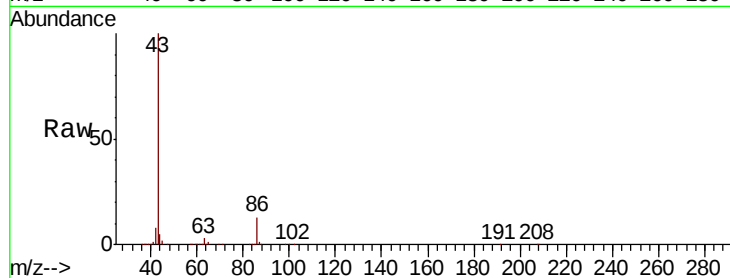
VY0616SBS01

Tot Ion: 43 Resp: 471651

Ion Ratio Lower Upper

43 100

86 13.2 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

150000

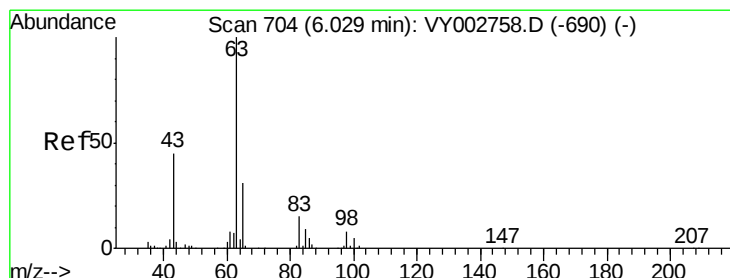
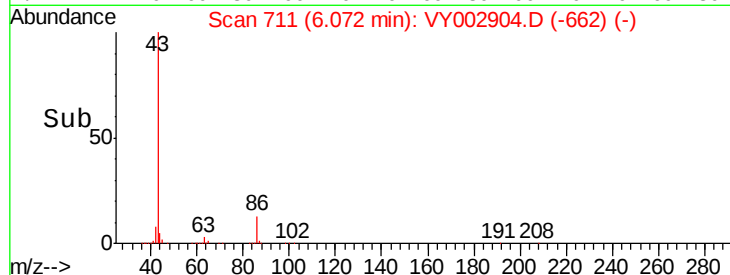
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.968 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

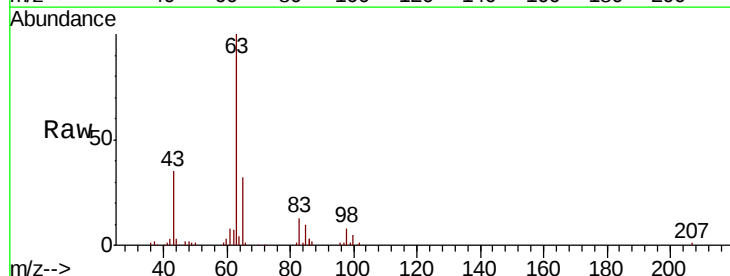
Tgt Ion: 63 Resp: 84770

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 4.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

30000

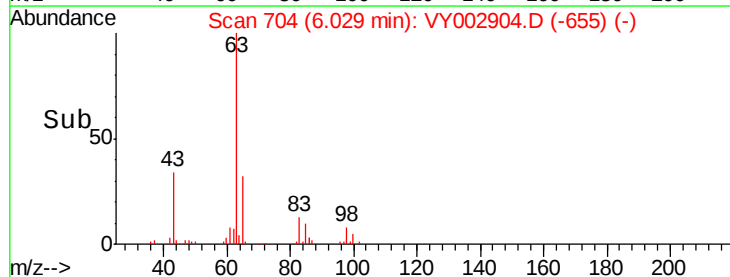
20000

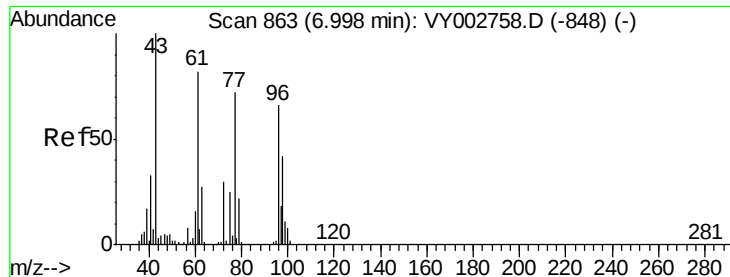
10000

0

Time-->

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 114.084 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

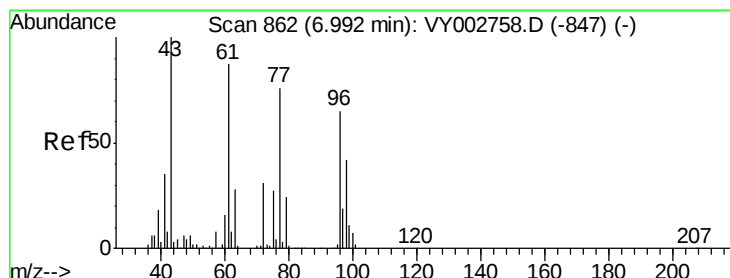
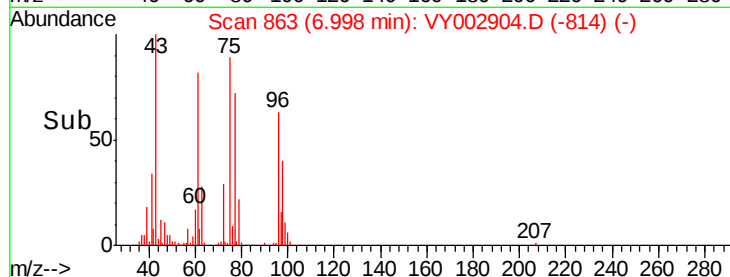
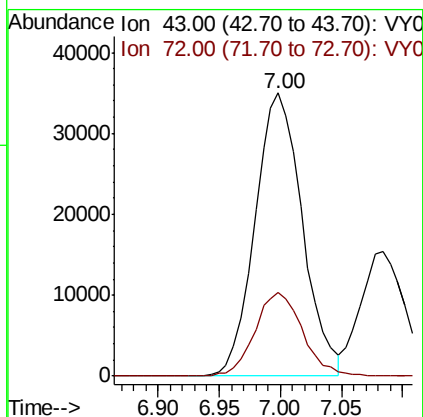
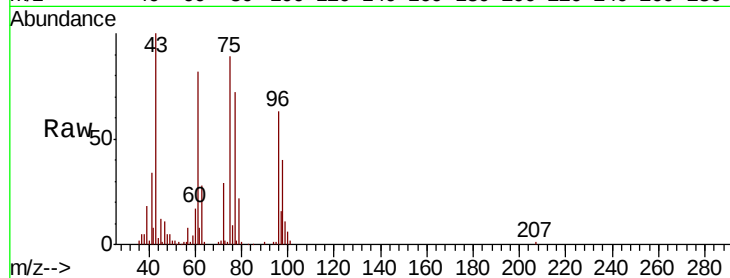
VY0616SBS01

Tot Ion: 43 Resp: 94151

Ion Ratio Lower Upper

43 100

72 29.5 23.9 35.9



#26

2,2-Dichloropropane

Concen: 22.308 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002904.D

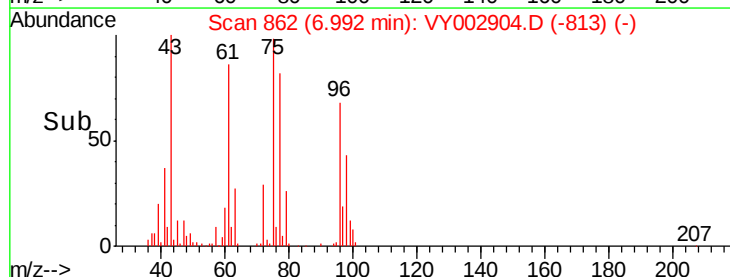
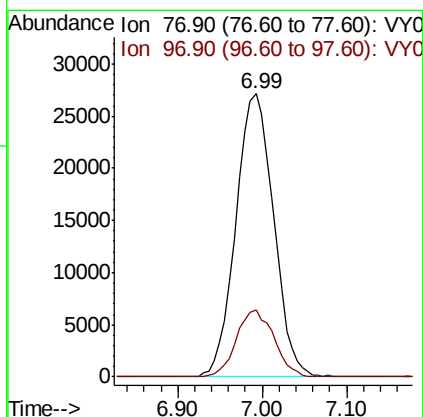
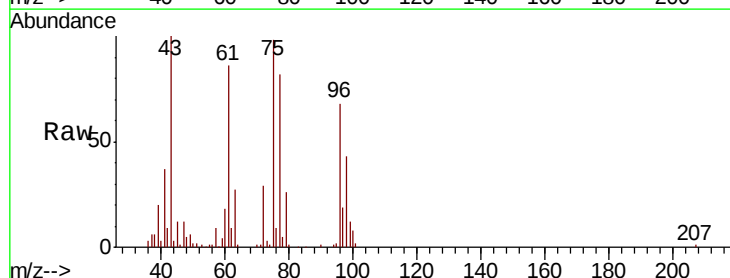
Acq: 16 Jun 2020 12:59

Tgt Ion: 77 Resp: 82558

Ion Ratio Lower Upper

77 100

97 23.5 12.2 36.6



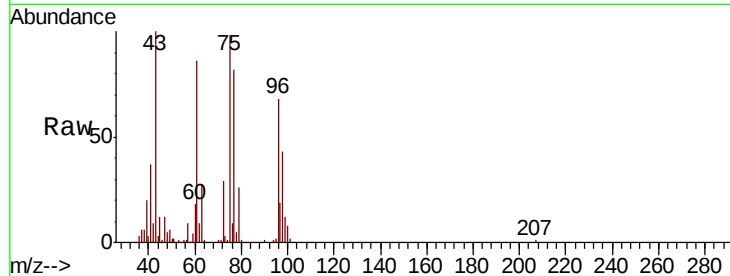


#27

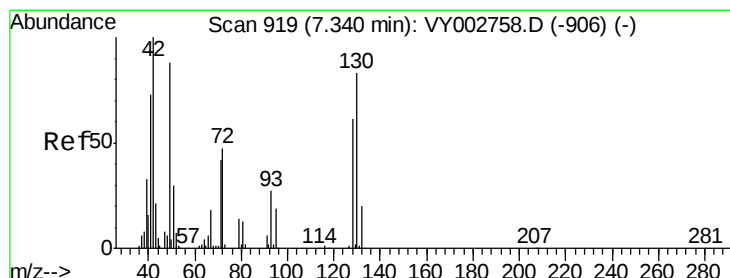
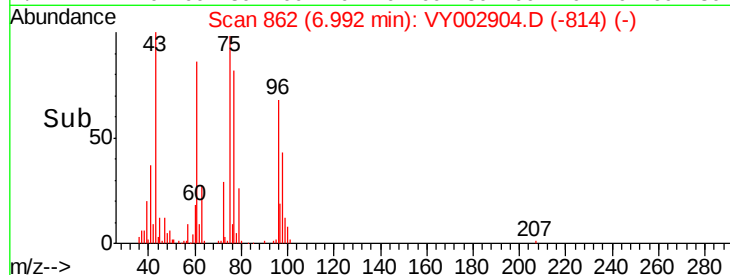
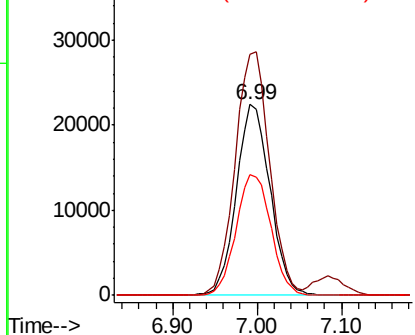
cis-1,2-Dichloroethene
 Concen: 21.774 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tot Ion: 96 Resp: 60672
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 260.2
 98 65.3 0.0 128.2



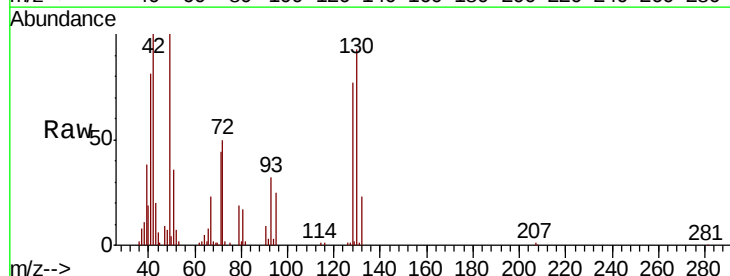
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



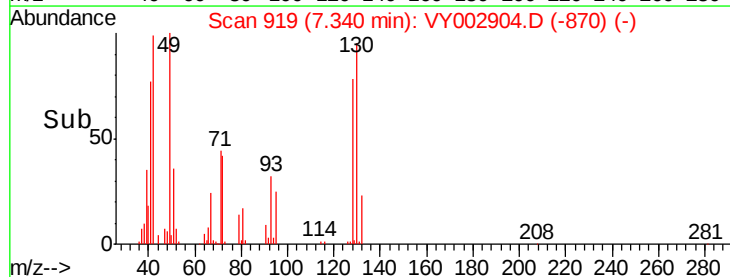
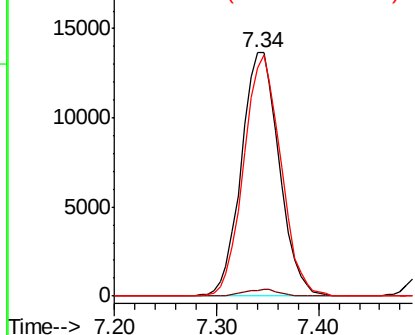
#28

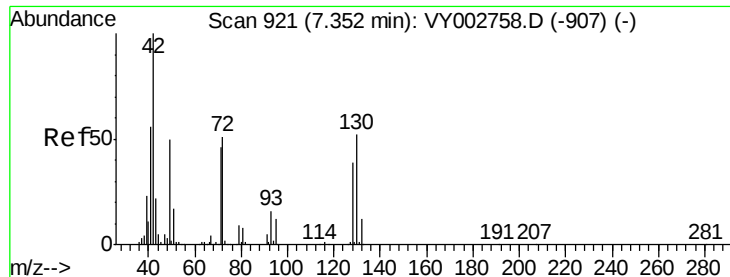
Bromochloromethane
 Concen: 22.355 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion: 49 Resp: 35413
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 96.3 77.1 115.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 111.411 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

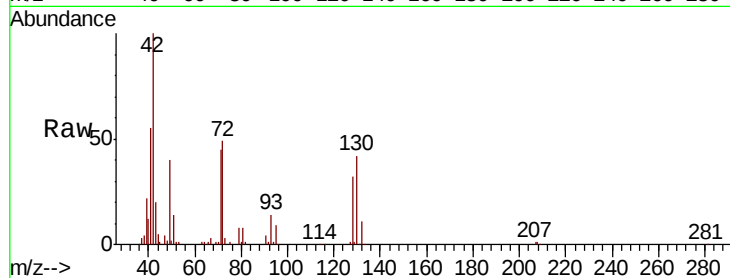
Tot Ion: 42 Resp: 59807

Ion Ratio Lower Upper

42 100

72 47.8 38.6 58.0

71 45.9 35.8 53.8

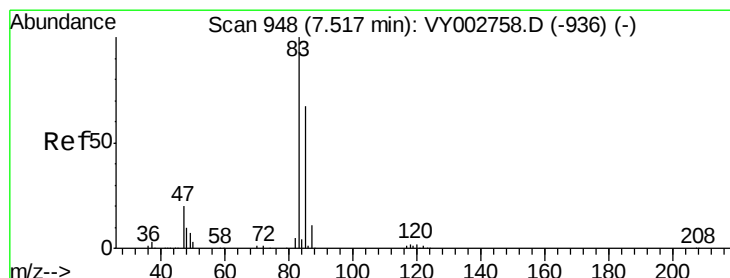
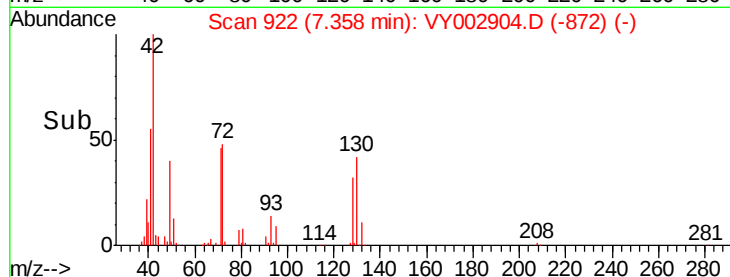
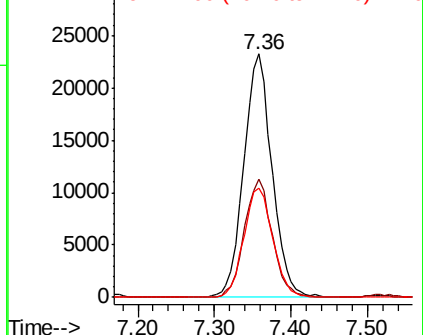


Abundance

Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 22.276 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002904.D

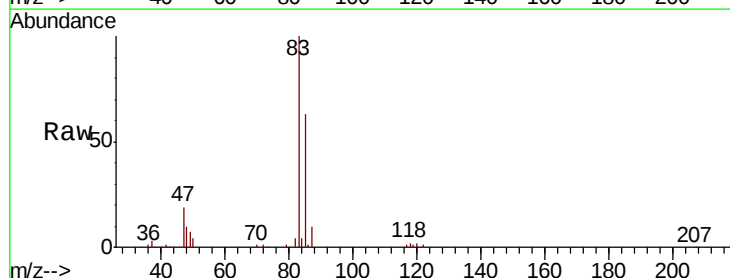
Acq: 16 Jun 2020 12:59

Tgt Ion: 83 Resp: 91216

Ion Ratio Lower Upper

83 100

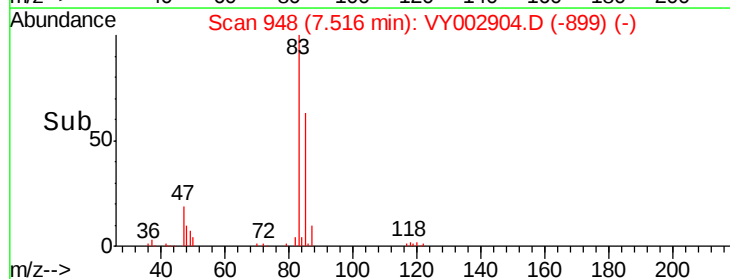
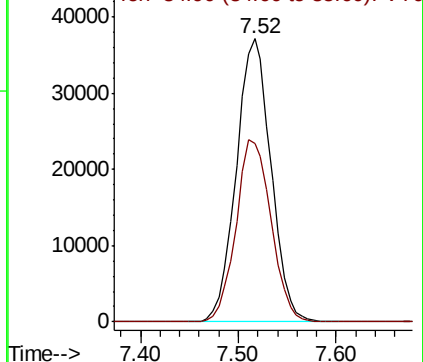
85 62.9 53.8 80.8

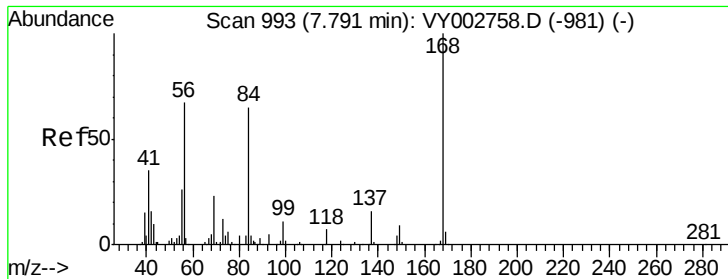


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.622 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

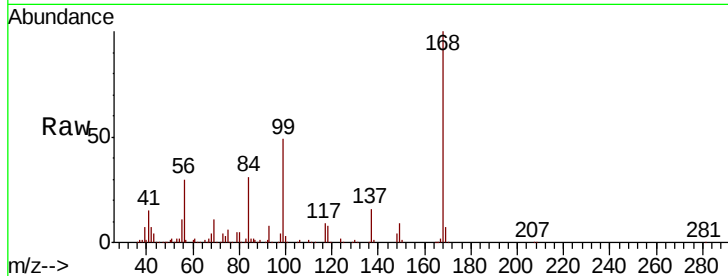
Tot Ion: 56 Resp: 79007

Ion Ratio Lower Upper

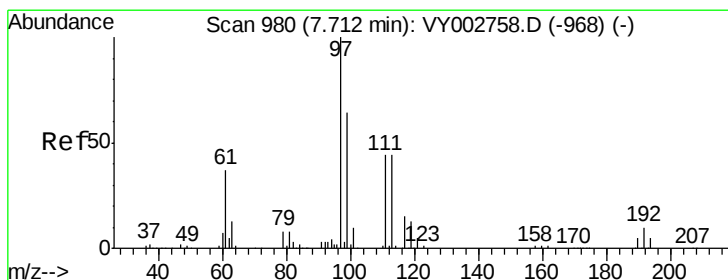
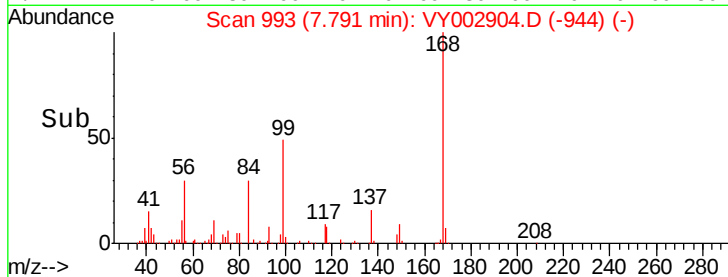
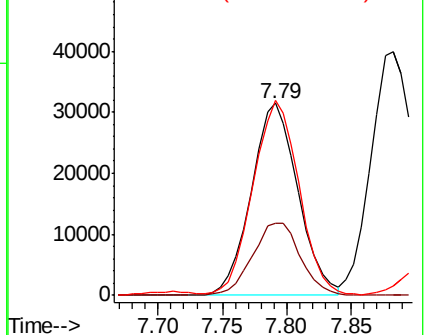
56 100

69 37.8 28.0 42.0

84 100.0 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 22.089 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

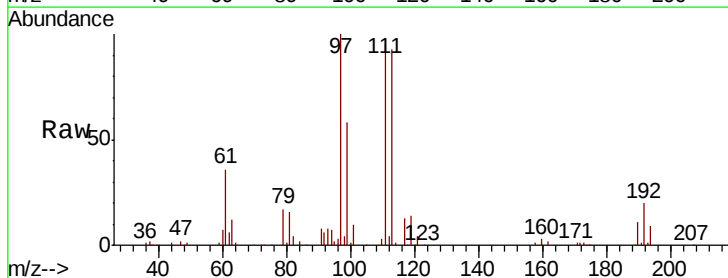
Tgt Ion: 97 Resp: 84285

Ion Ratio Lower Upper

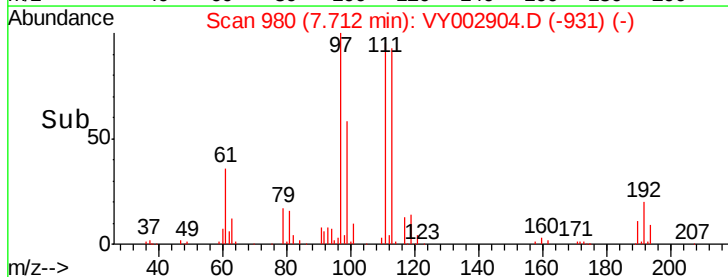
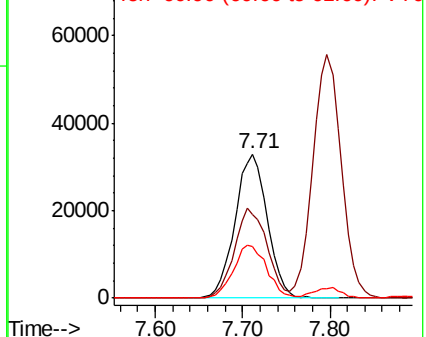
97 100

99 63.5 51.4 77.0

61 37.7 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

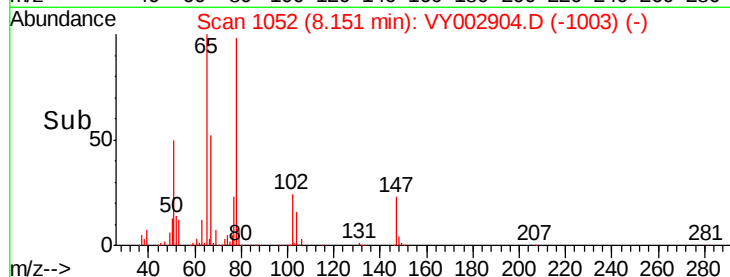
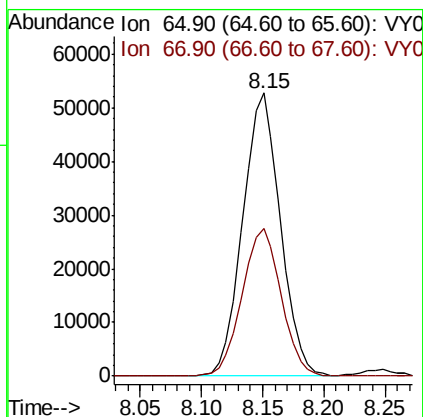
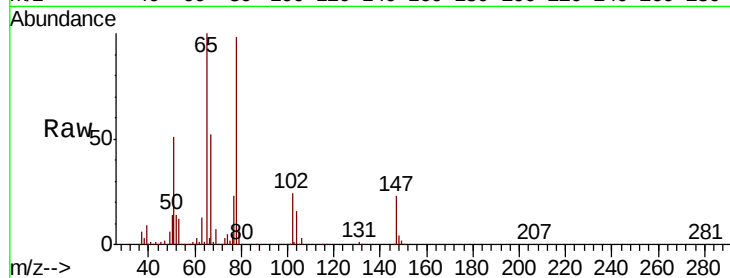




#33
 1,2-Dichloroethane-d4
 Concen: 49.991 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

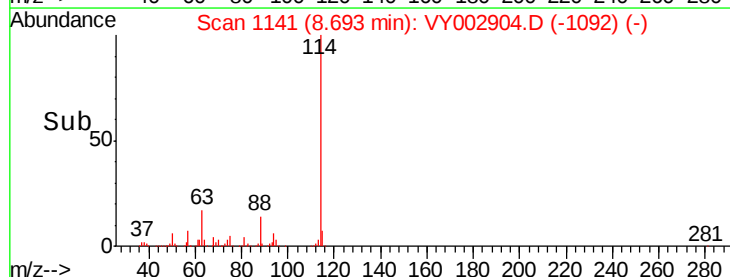
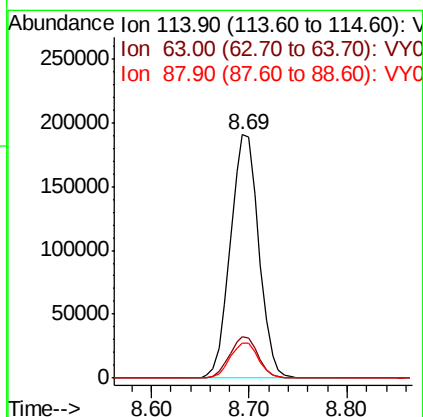
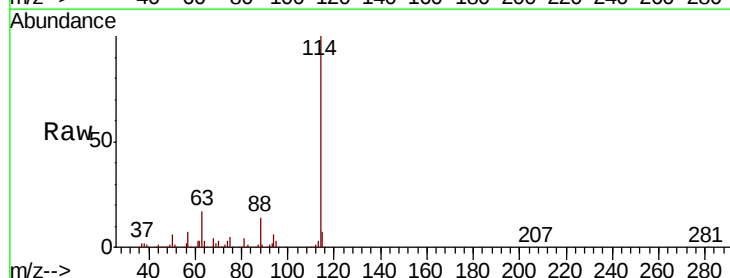
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

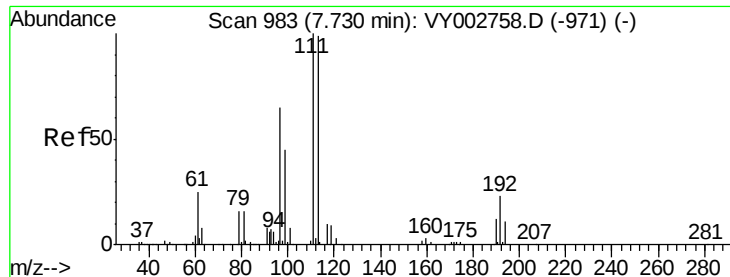
Tot Ion: 65 Resp: 112930
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion: 114 Resp: 383521
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.2
 88 14.5 0.0 29.2

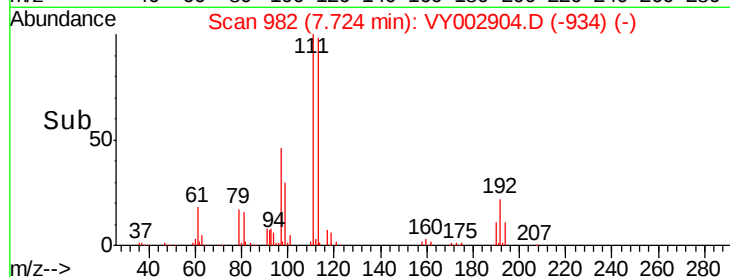
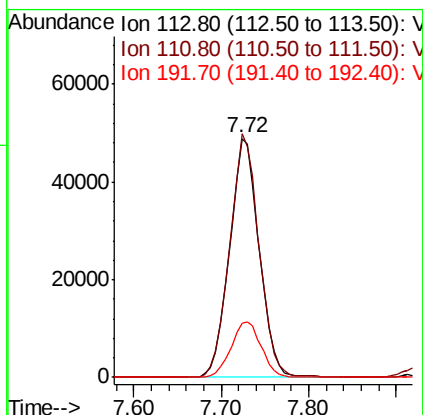
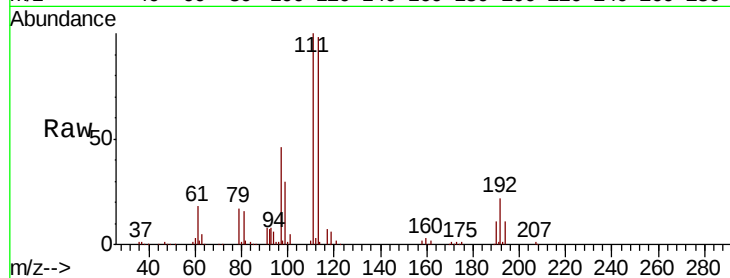




#35
 Dibromofluoromethane
 Concen: 51.148 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

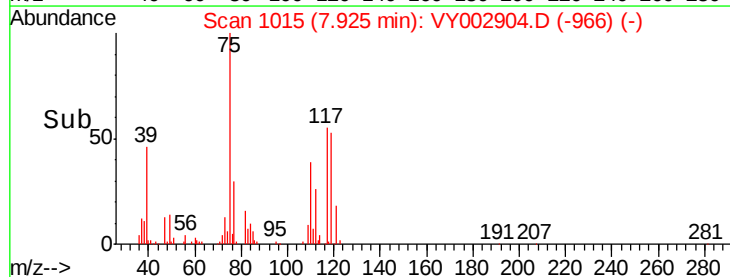
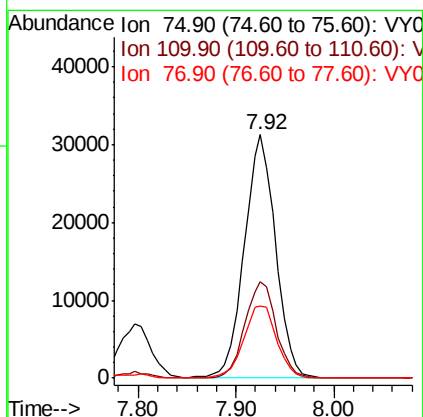
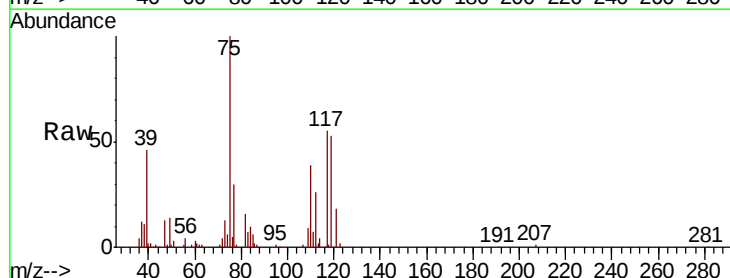
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

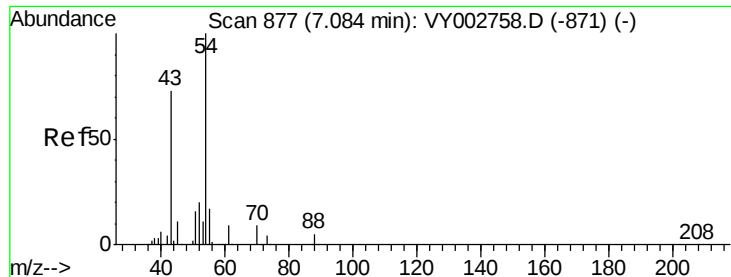
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.0	123.0
192	23.7	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.414 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	19.3	57.9
77	31.5	24.8	37.2

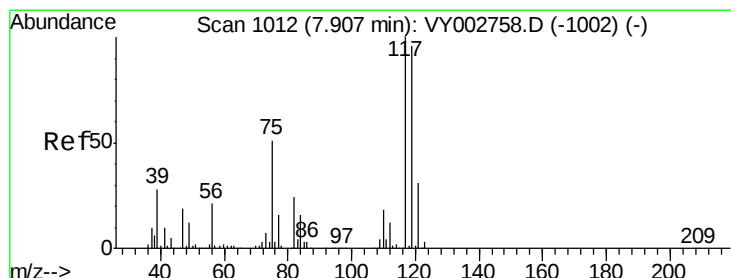
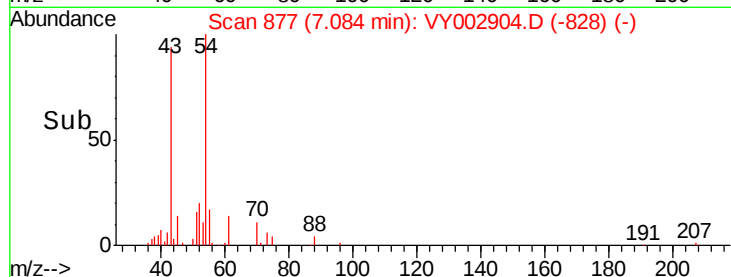
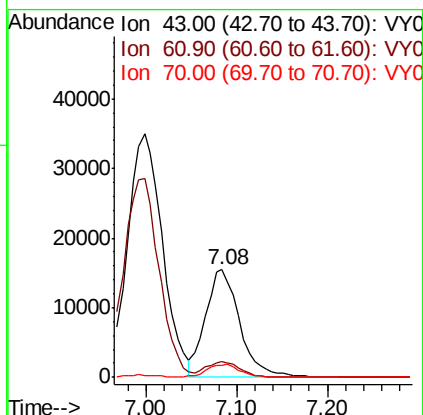
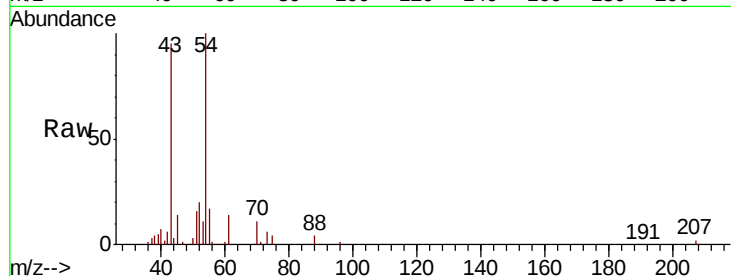




#37
Ethyl Acetate
Concen: 23.313 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

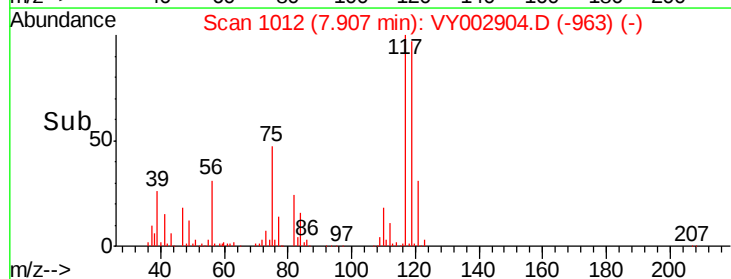
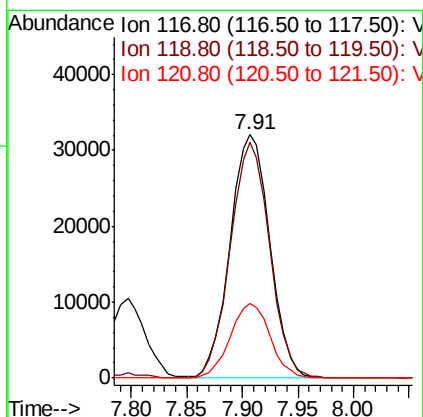
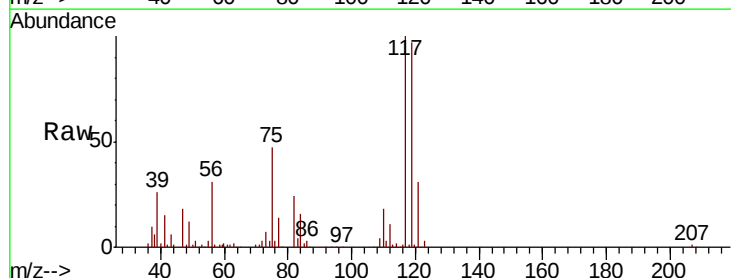
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

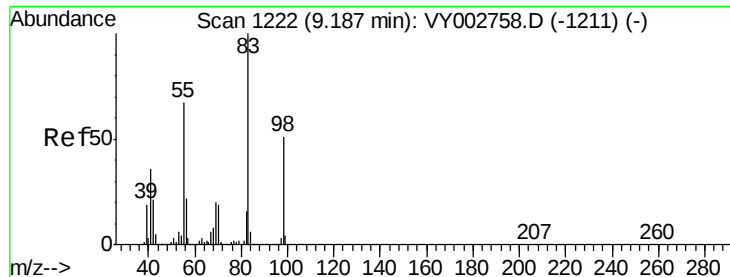
Tot Ion: 43 Resp: 40978
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 22.208 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion: 117 Resp: 79702
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
121 30.7 24.8 37.2

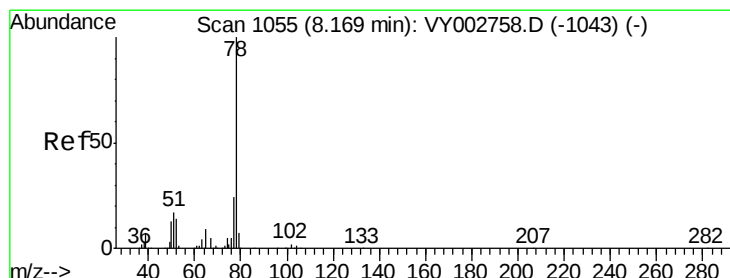
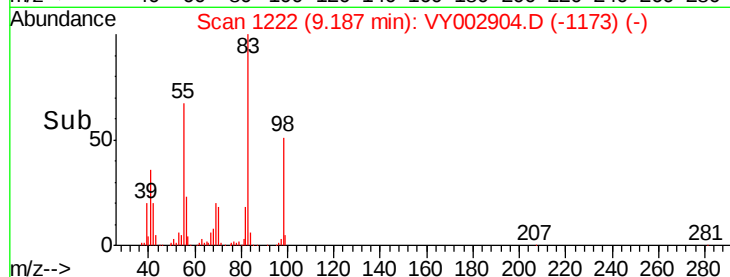
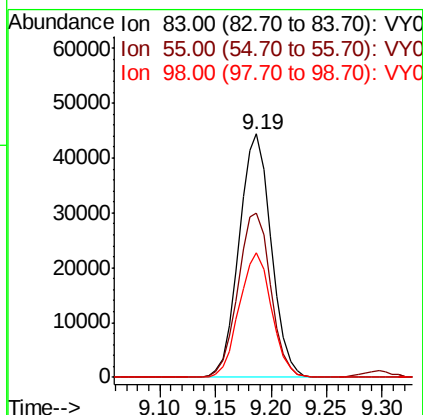
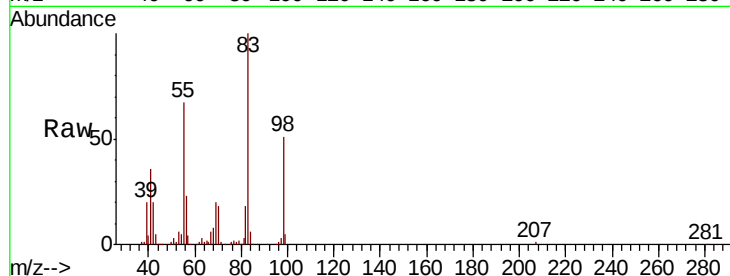




#39
Methvlcvclohexane
Concen: 20.891 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

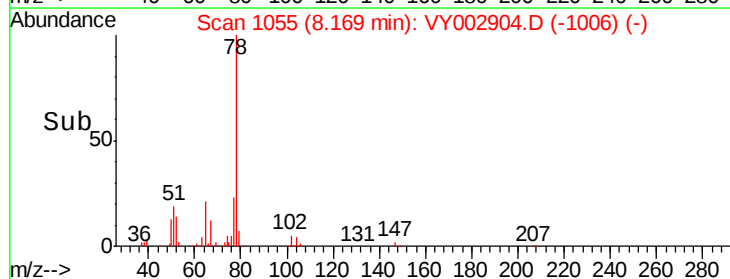
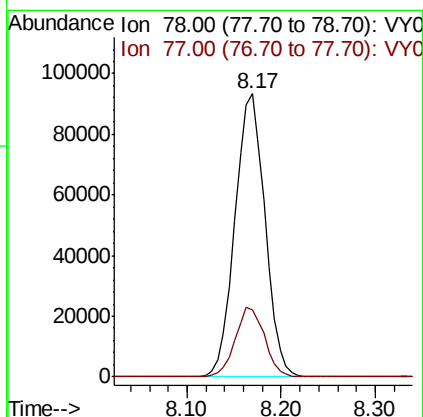
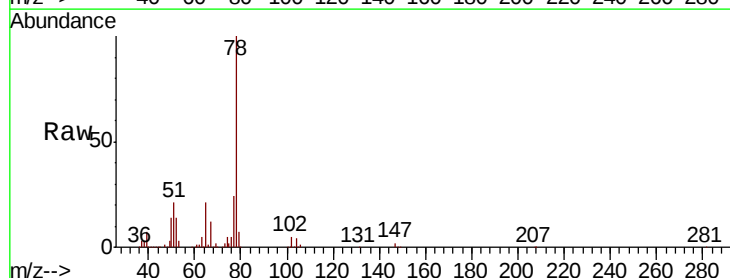
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

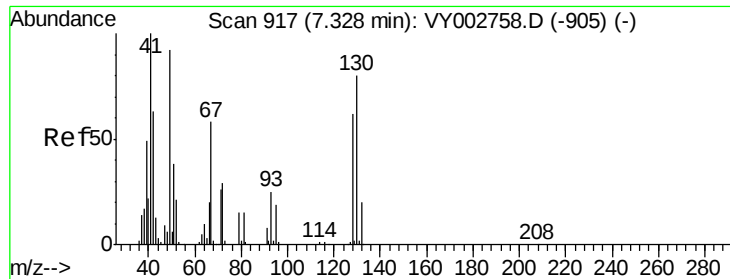
Tot Ion: 83 Resp: 88961
Ion Ratio Lower Upper
83 100
55 67.5 53.3 79.9
98 51.3 41.1 61.7



#40
Benzene
Concen: 21.736 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion: 78 Resp: 207493
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

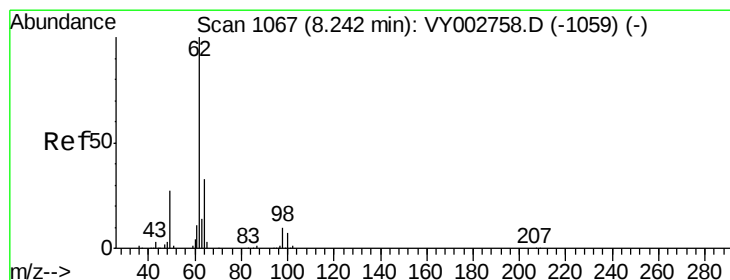
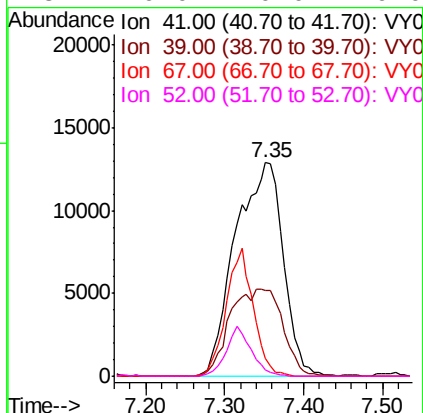
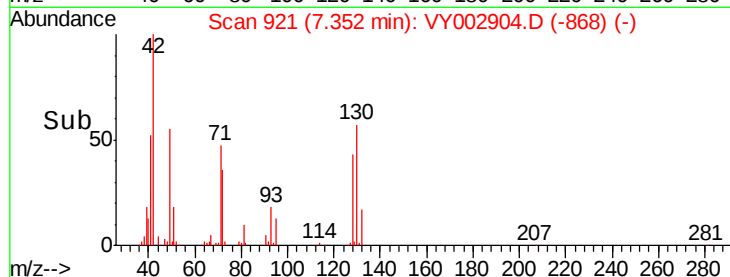
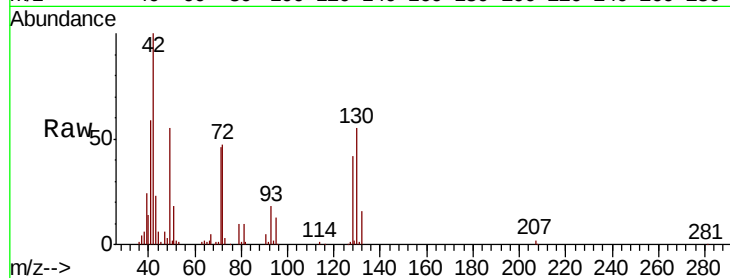




#41
Methacrylonitrile
Concen: 57.475 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

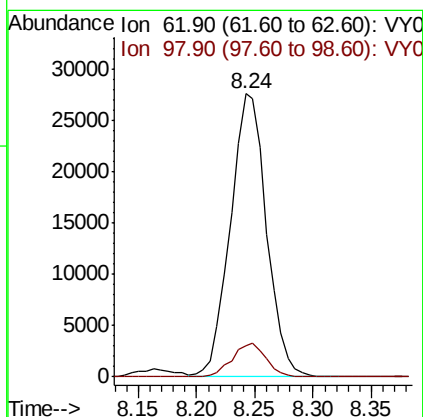
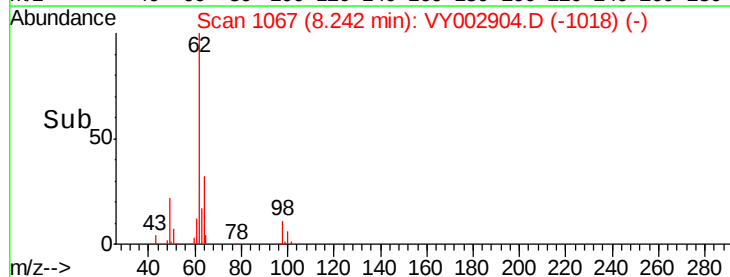
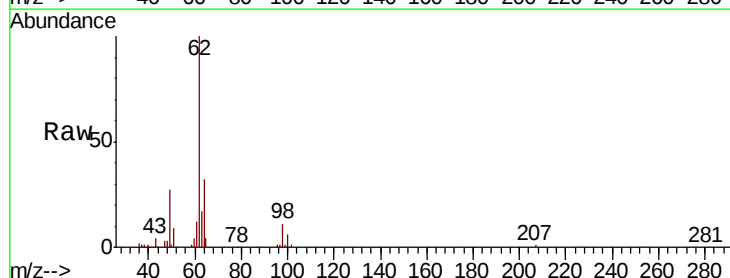
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

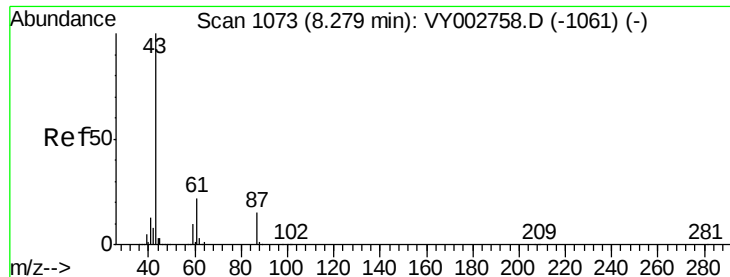
Tot Ion: 41 Resp: 54274
Ion Ratio Lower Upper
41 100
39 45.0 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.272 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion: 62 Resp: 59585
Ion Ratio Lower Upper
62 100
98 11.1 0.0 22.6



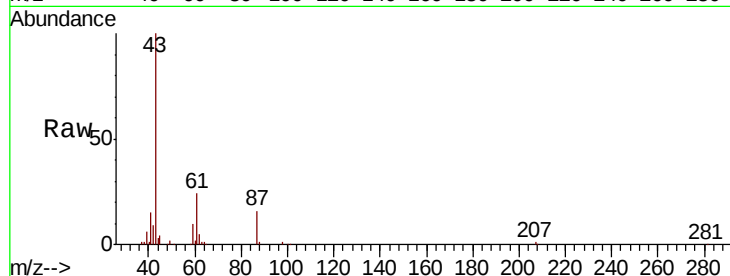


#43

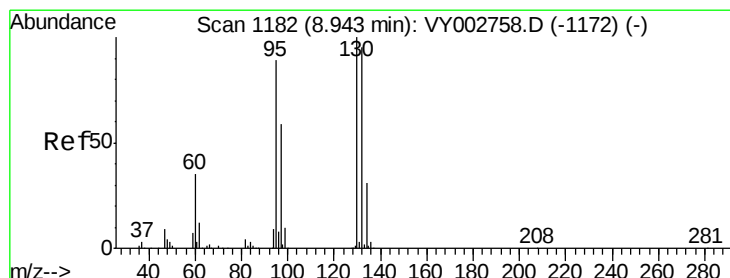
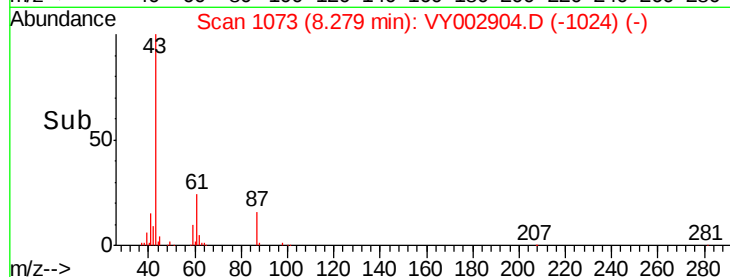
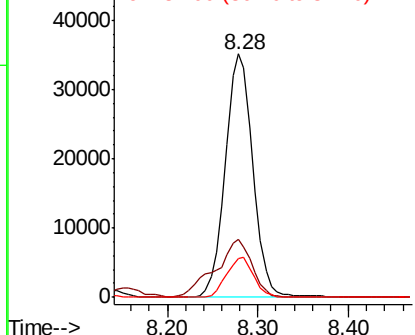
Isopropyl Acetate
 Concen: 22.254 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.8	24.8	37.2
87	16.1	12.4	18.6



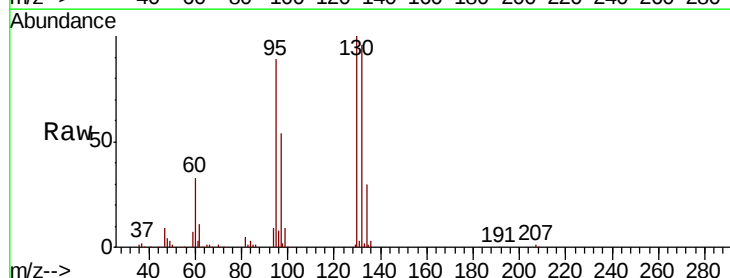
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



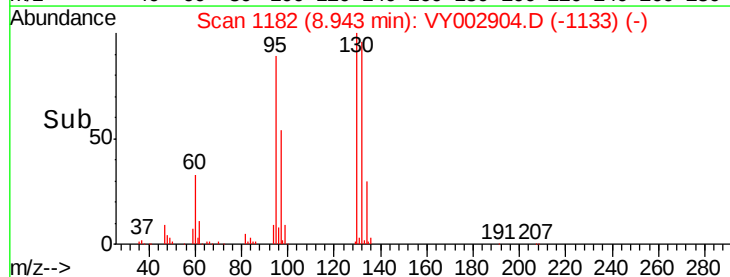
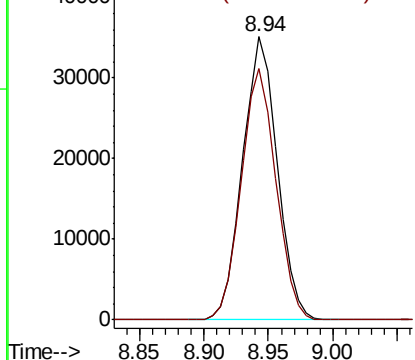
#44

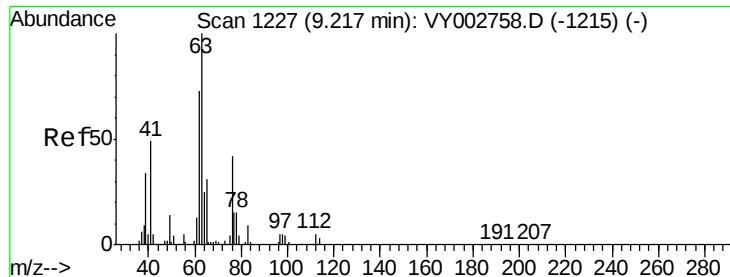
Trichloroethene
 Concen: 21.647 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	178.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 22.137 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

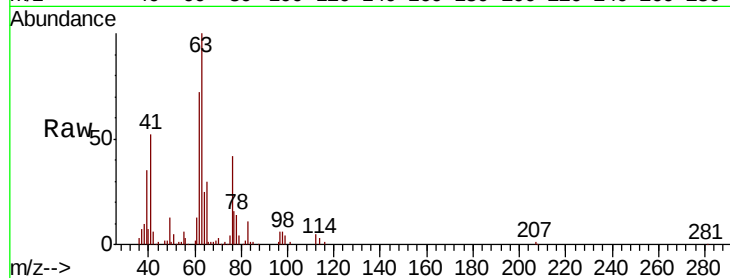
VY0616SBS01

Tot Ion: 63 Resp: 50677

Ion Ratio Lower Upper

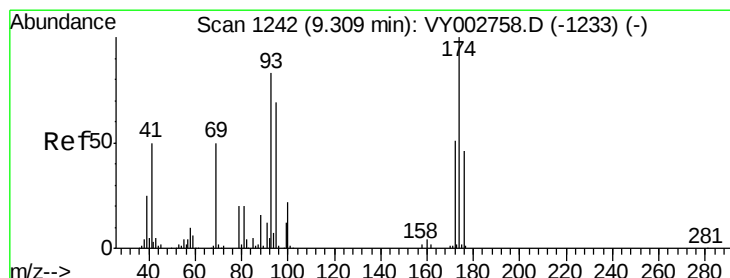
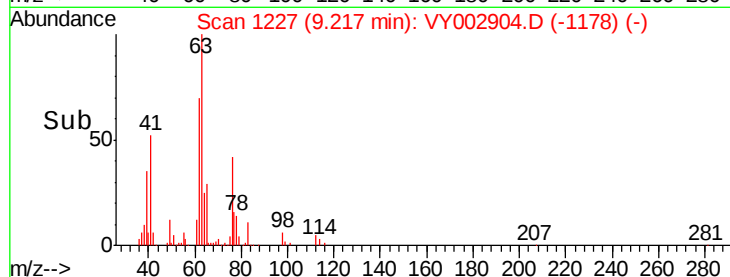
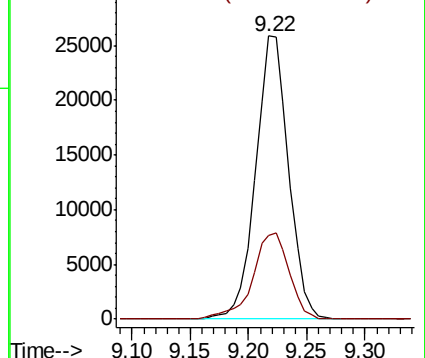
63 100

65 29.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 22.145 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

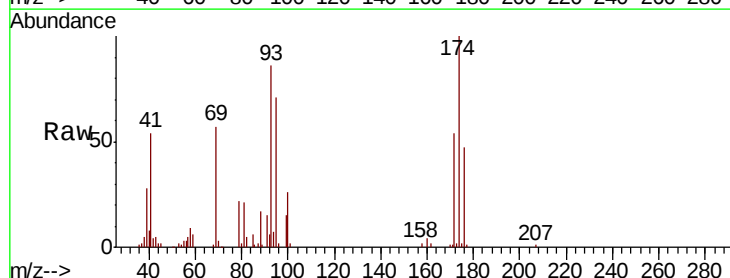
Tgt Ion: 93 Resp: 30108

Ion Ratio Lower Upper

93 100

95 85.0 66.9 100.3

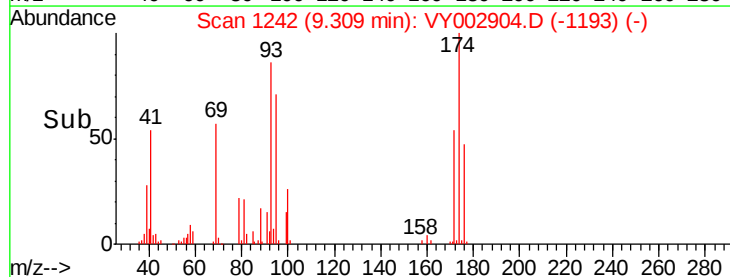
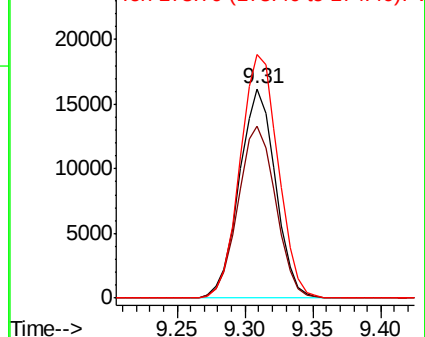
174 122.1 97.7 146.5

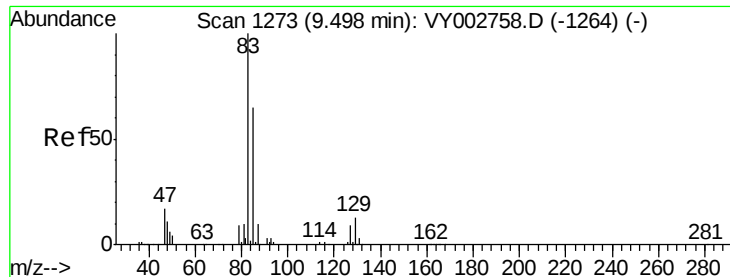


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.630 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

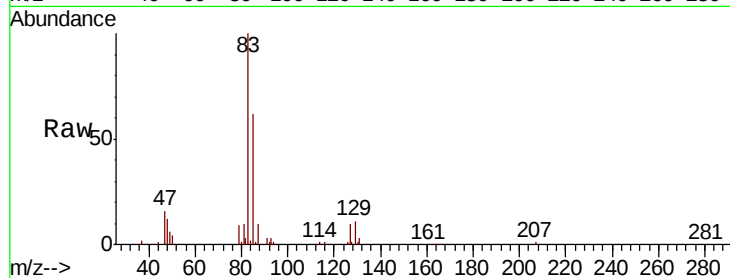
Tot Ion: 83 Resp: 72532

Ion Ratio Lower Upper

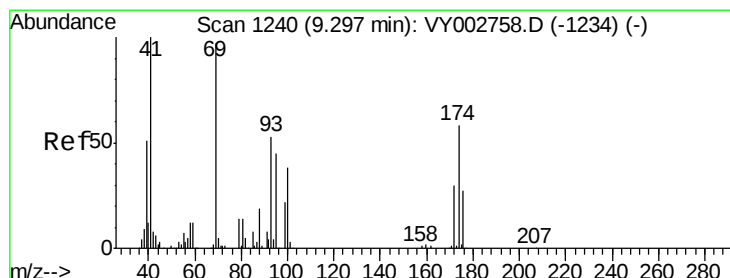
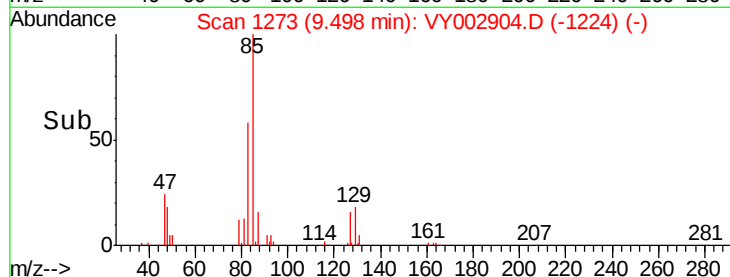
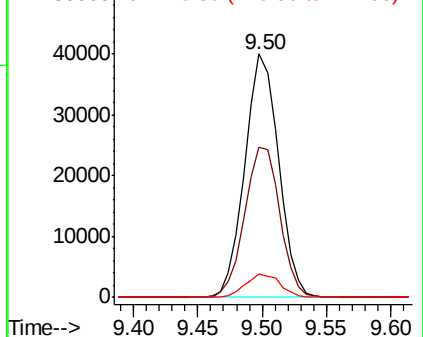
83 100

85 61.8 51.9 77.9

127 9.8 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 22.091 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

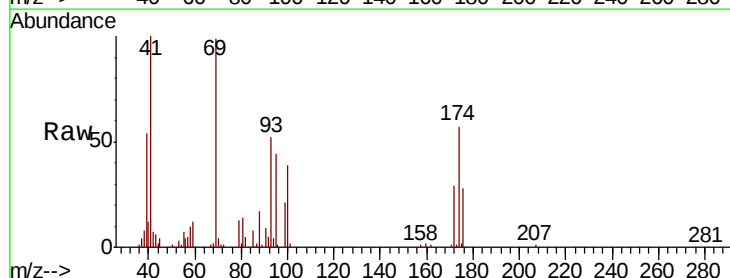
Tgt Ion: 41 Resp: 33218

Ion Ratio Lower Upper

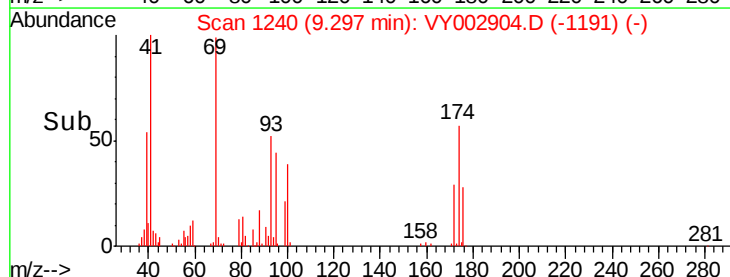
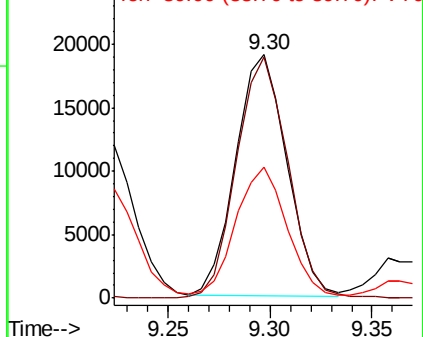
41 100

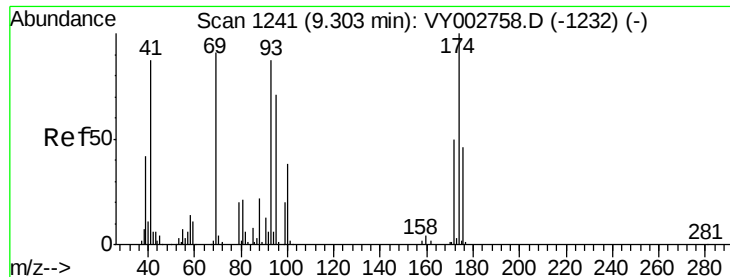
69 100.0 79.7 119.5

39 55.0 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

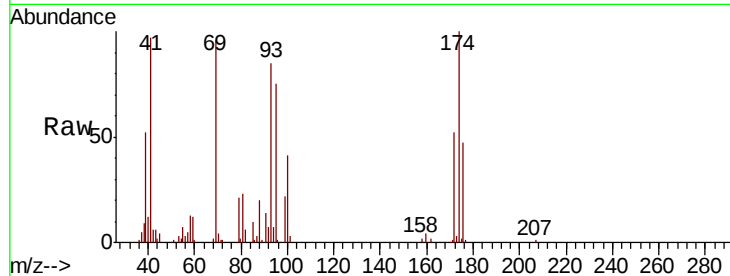




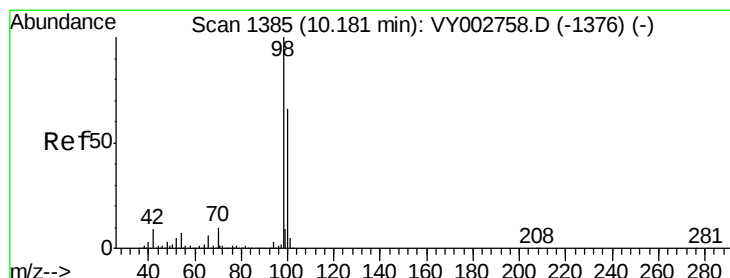
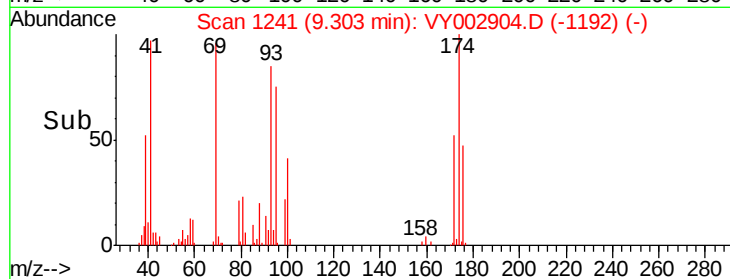
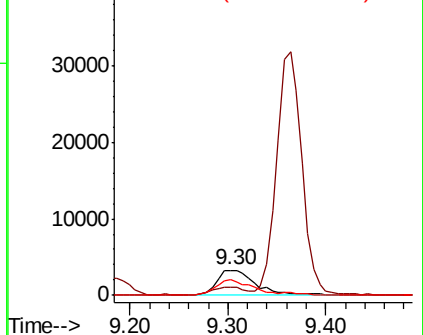
#49
1,4-Dioxane
Concen: 438.123 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tot Ion: 88 Resp: 9146
Ion Ratio Lower Upper
88 100
43 27.8 21.3 31.9
58 57.6 52.2 78.2

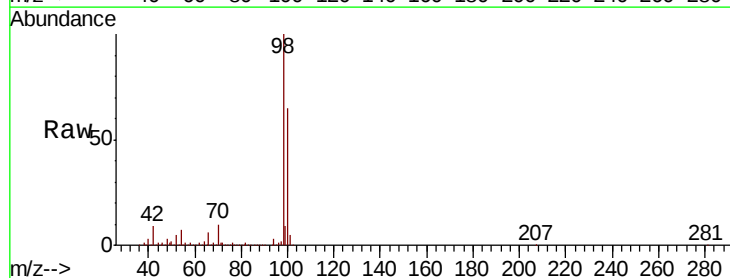


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

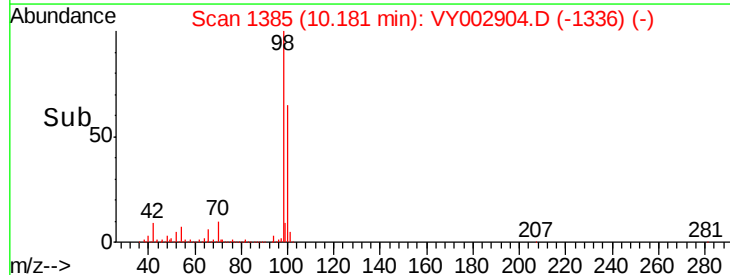
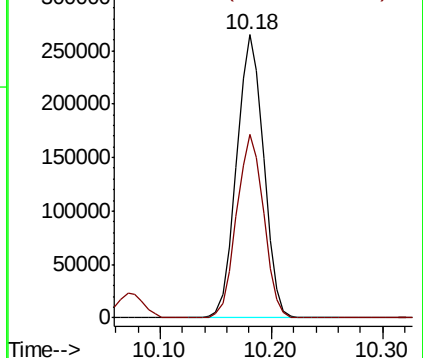


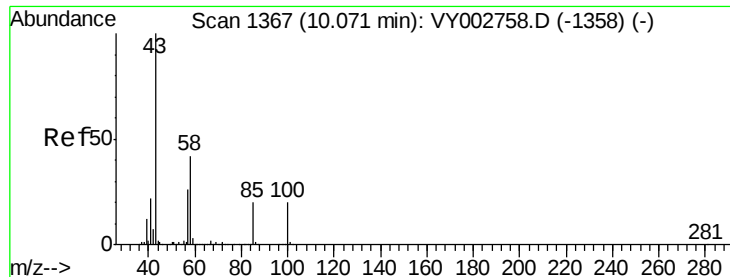
#50
Toluene-d8
Concen: 48.861 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion: 98 Resp: 444040
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 112.382 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampled :

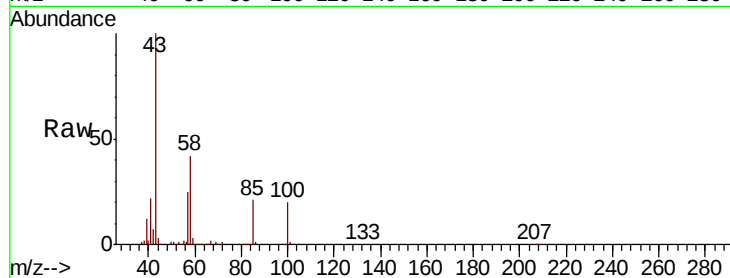
VY0616SBS01

Tot Ion: 43 Resp: 198221

Ion Ratio Lower Upper

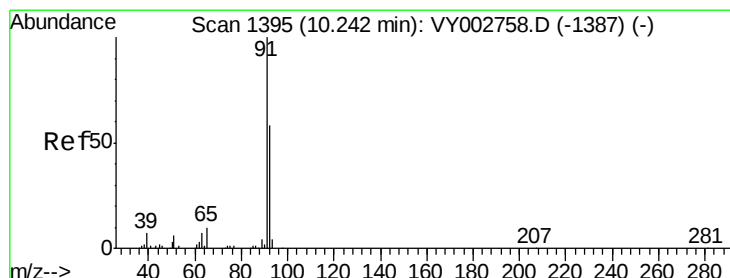
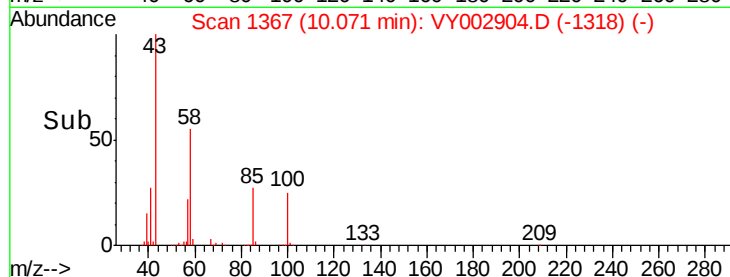
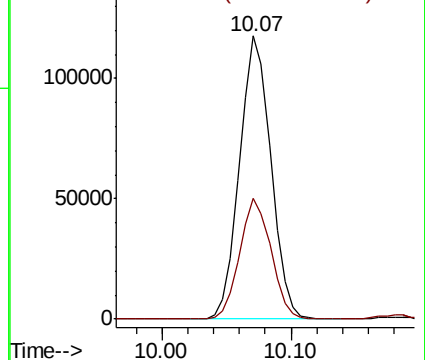
43 100

58 42.4 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 22.013 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002904.D

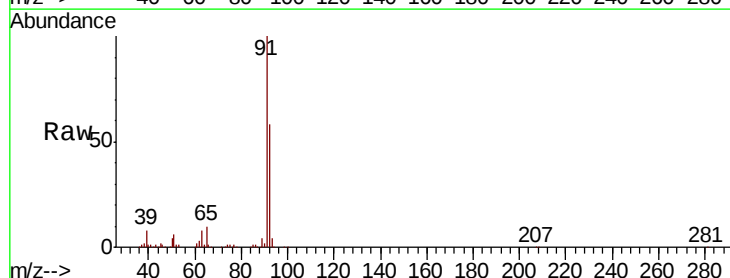
Acq: 16 Jun 2020 12:59

Tgt Ion: 92 Resp: 137464

Ion Ratio Lower Upper

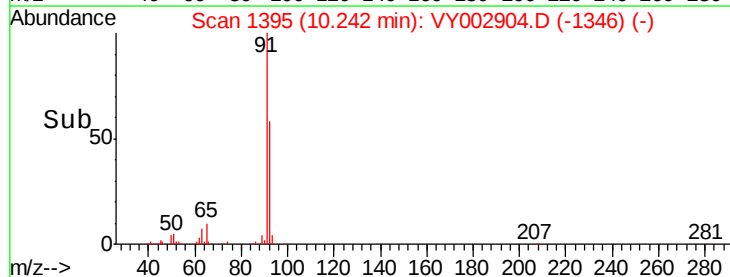
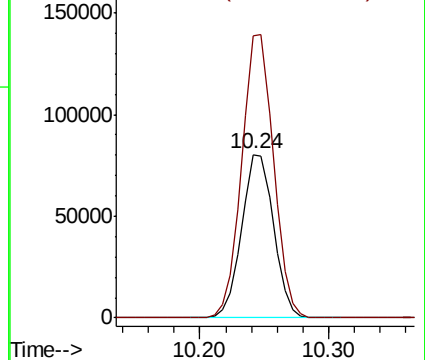
92 100

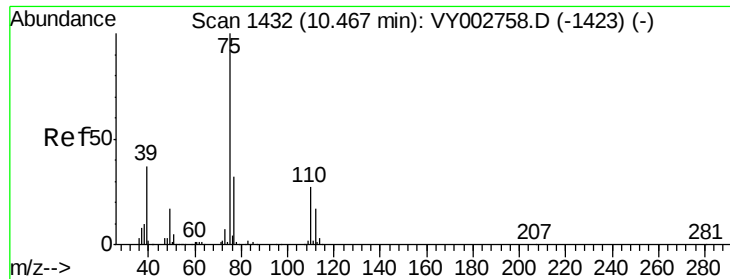
91 172.7 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 22.646 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

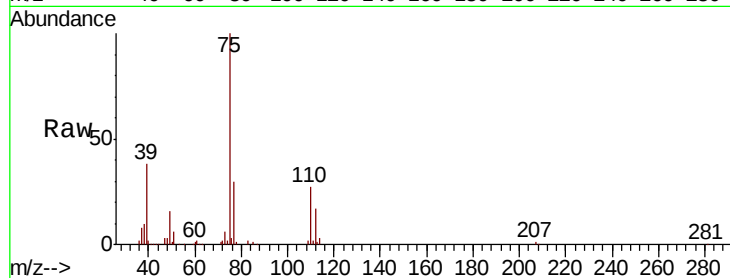
VY0616SBS01

Tot Ion: 75 Resp: 79279

Ion Ratio Lower Upper

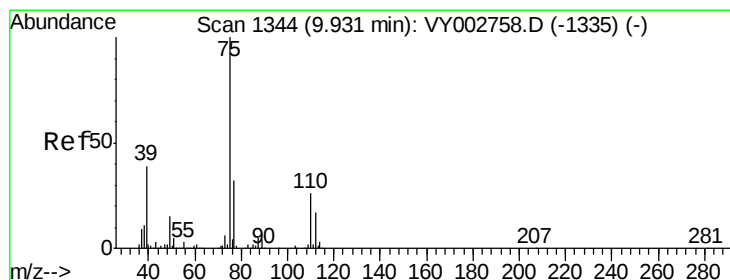
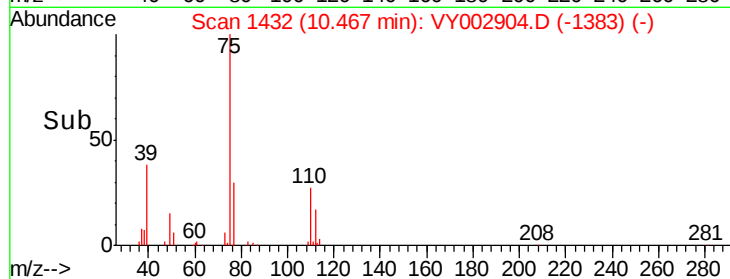
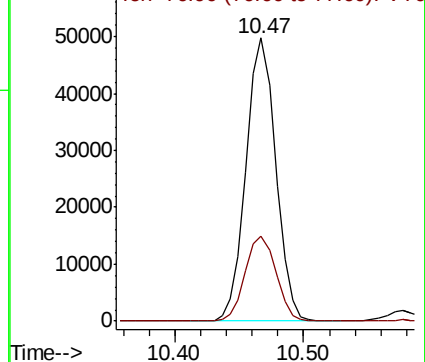
75 100

77 29.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 22.354 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

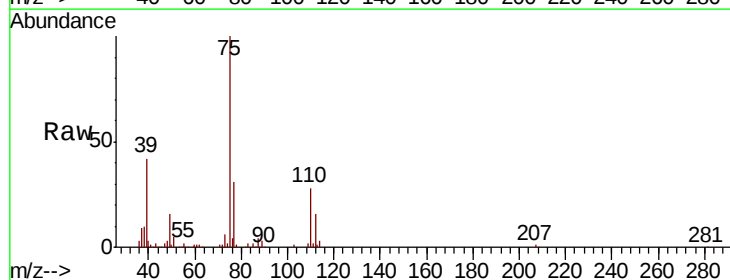
Tgt Ion: 75 Resp: 88673

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

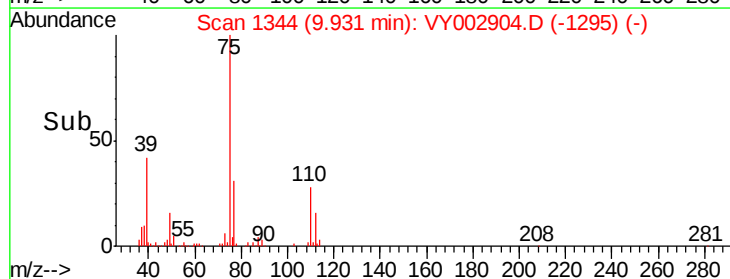
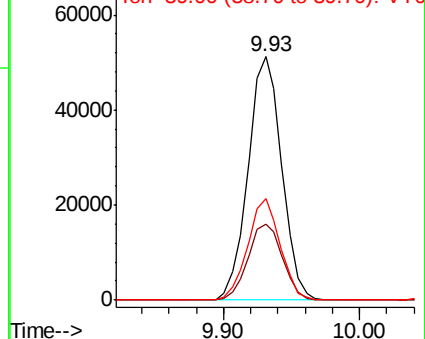
39 41.9 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

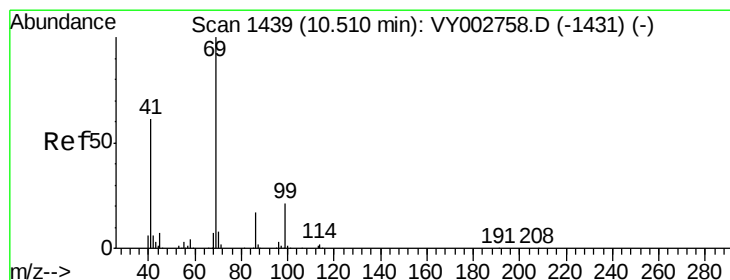
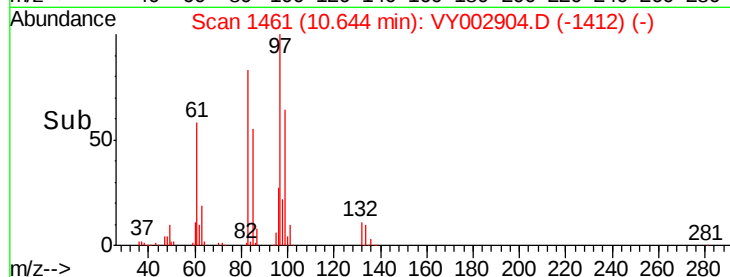
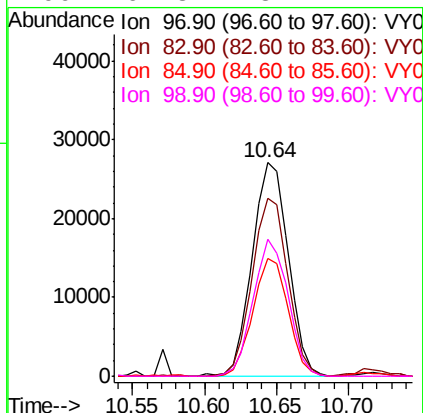
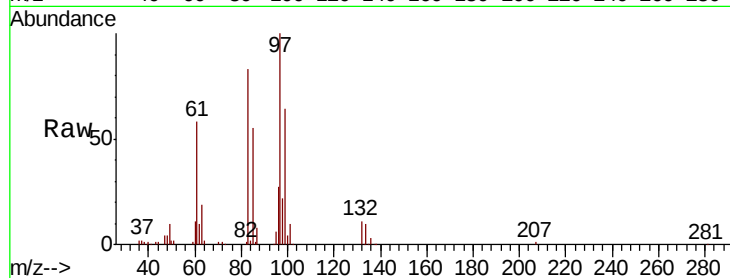




#55
 1,1,2-Trichloroethane
 Concen: 22.531 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

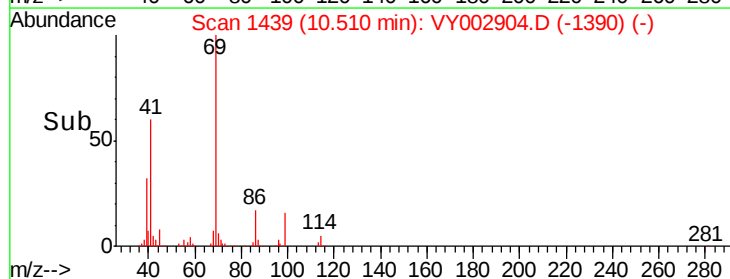
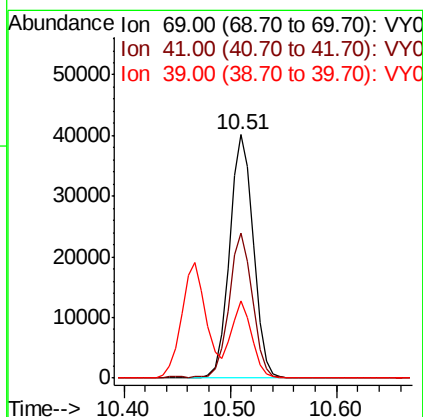
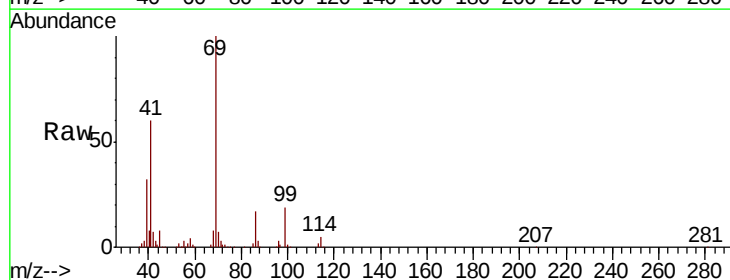
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tot Ion:	97	Resp:	46896
Ion	Ratio	Lower	Upper
97	100		
83	82.8	62.7	94.1
85	55.3	40.6	60.8
99	64.3	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 22.495 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion:	69	Resp:	62713
Ion	Ratio	Lower	Upper
69	100		
41	58.2	47.0	70.4
39	27.9	22.0	33.0





#57

1,3-Dichloropropane

Concen: 22.585 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

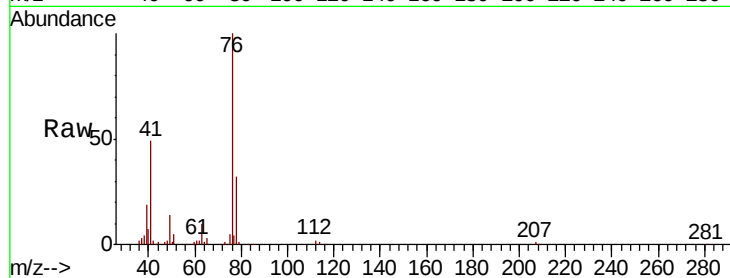
VY0616SBS01

Tot Ion: 76 Resp: 77319

Ion Ratio Lower Upper

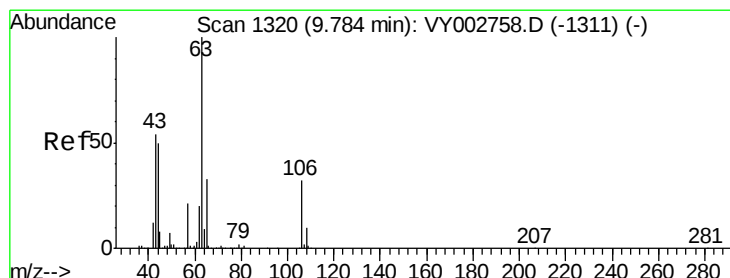
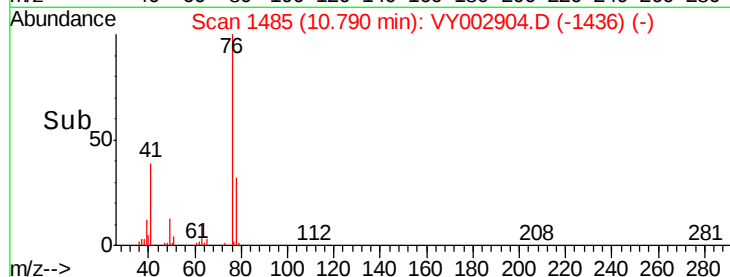
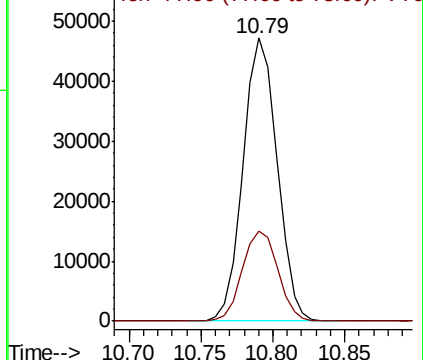
76 100

78 33.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 112.591 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002904.D

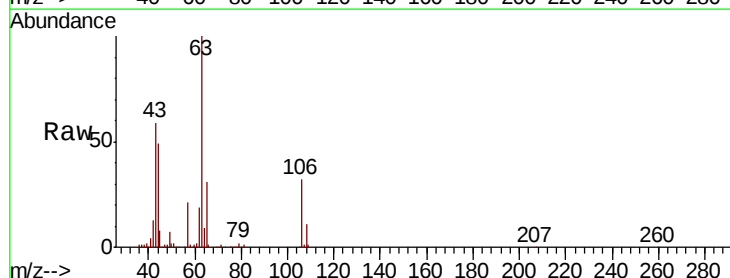
Acq: 16 Jun 2020 12:59

Tgt Ion: 63 Resp: 153375

Ion Ratio Lower Upper

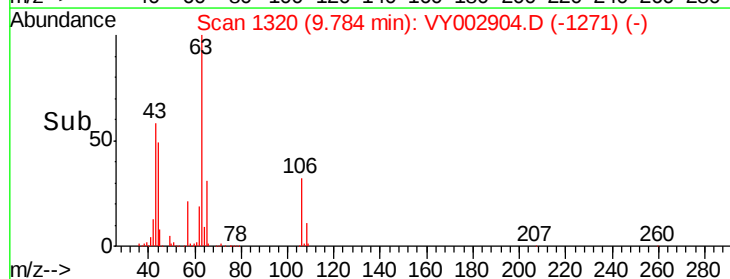
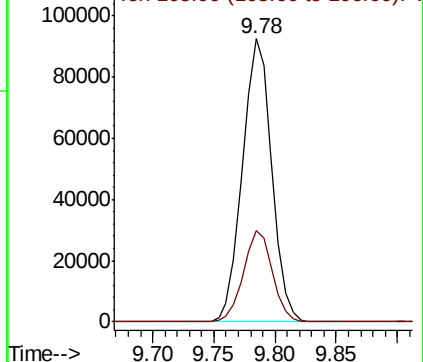
63 100

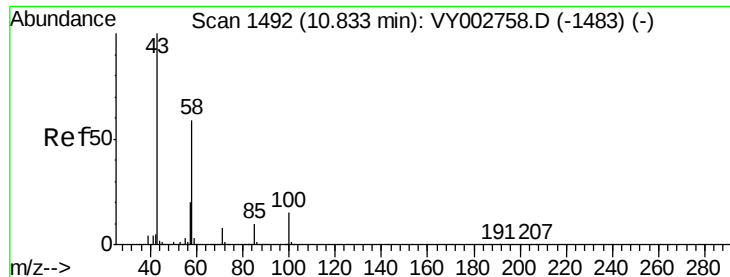
106 32.1 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

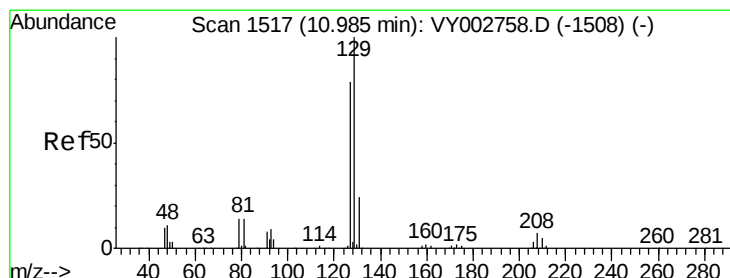
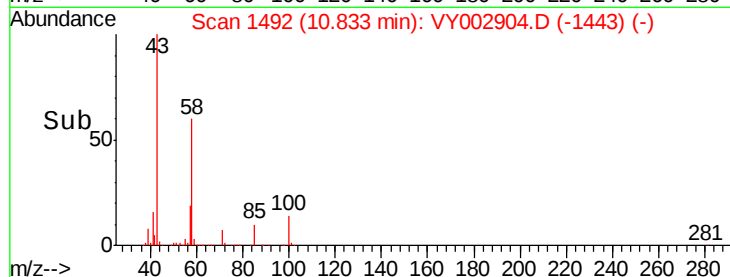
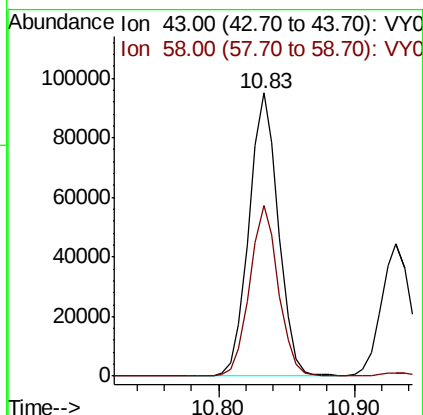
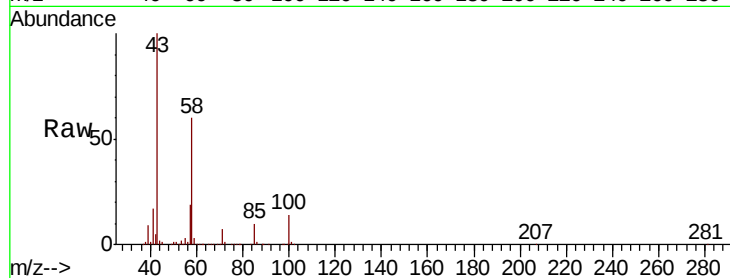




#59
2-Hexanone
Concen: 114.828 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

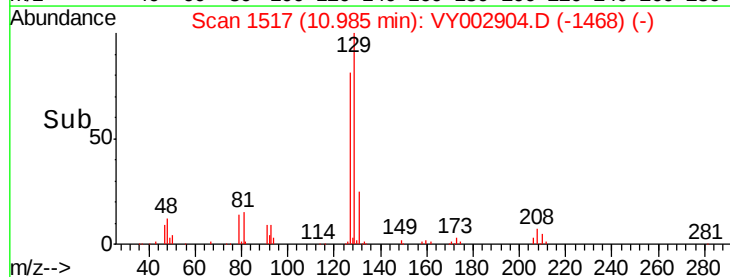
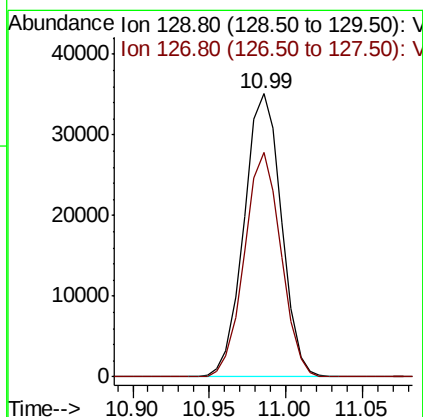
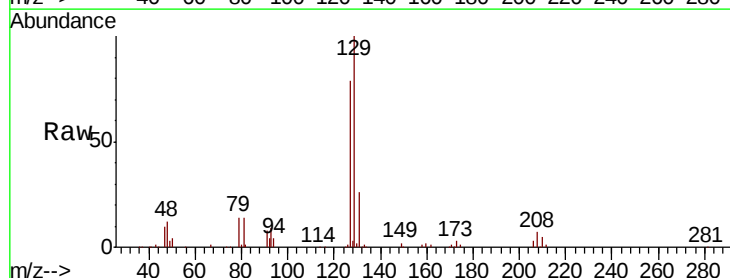
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

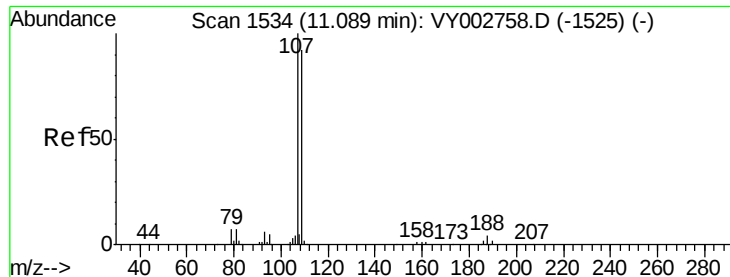
Tot Ion: 43 Resp: 143703
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 22.636 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion: 129 Resp: 59732
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 22.490 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

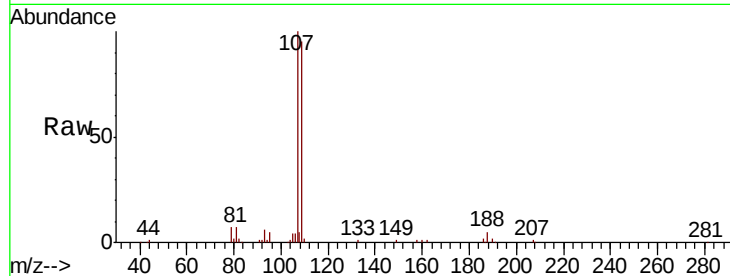
VY0616SBS01

Tot Ion:107 Resp: 46177

Ion Ratio Lower Upper

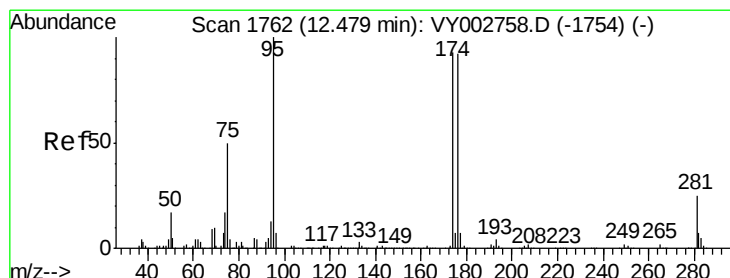
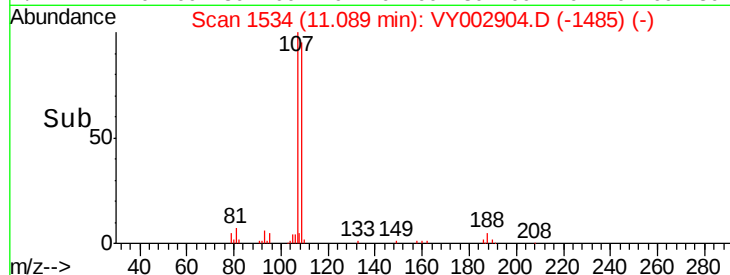
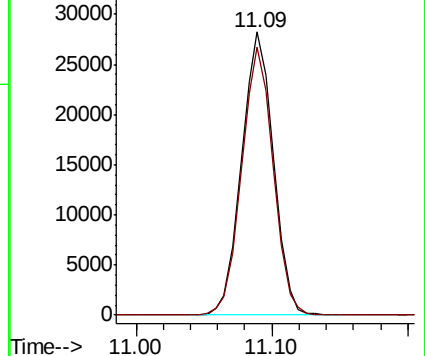
107 100

109 93.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.297 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

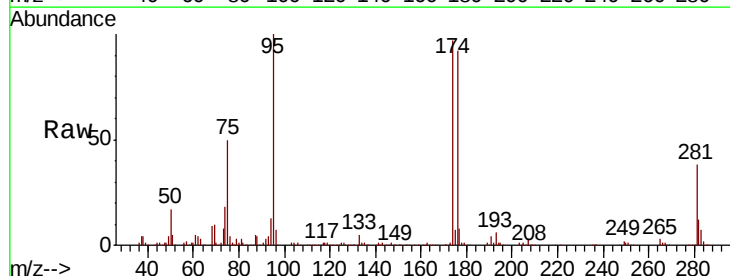
Tgt Ion: 95 Resp: 159315

Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.2

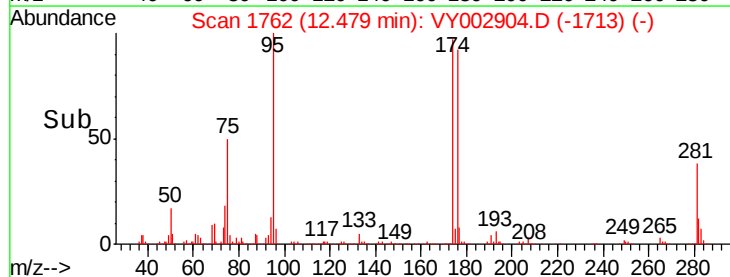
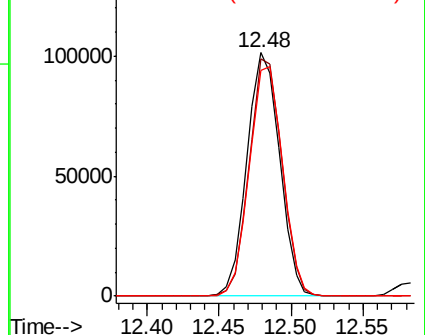
176 95.8 0.0 188.8

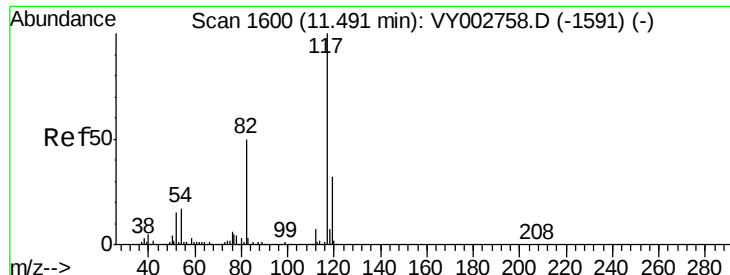


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

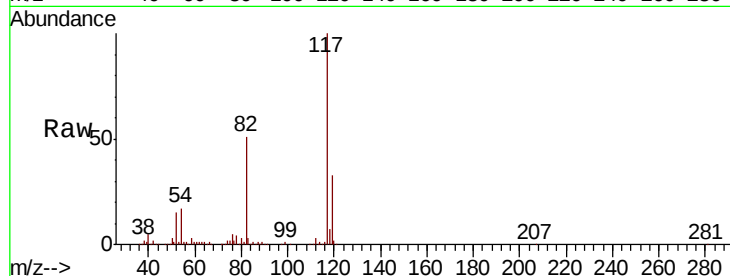




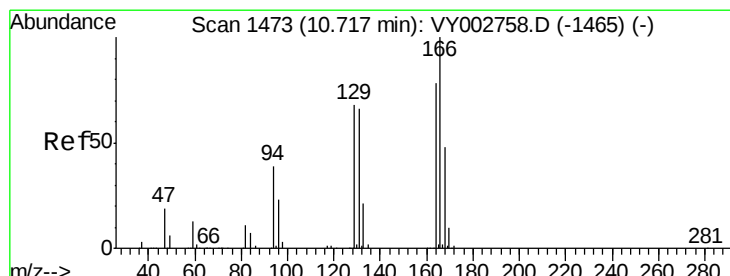
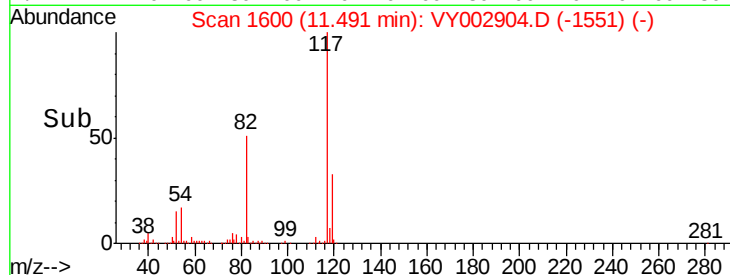
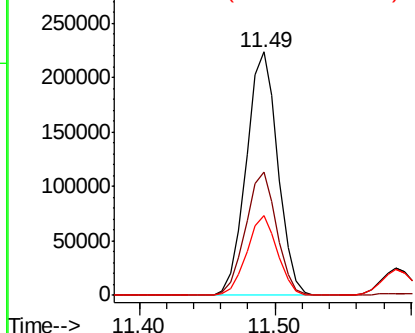
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tot Ion:117 Resp: 362452
Ion Ratio Lower Upper
117 100
82 50.6 40.2 60.4
119 32.6 25.8 38.8

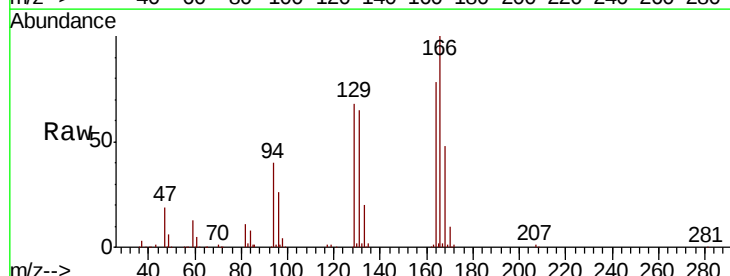


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

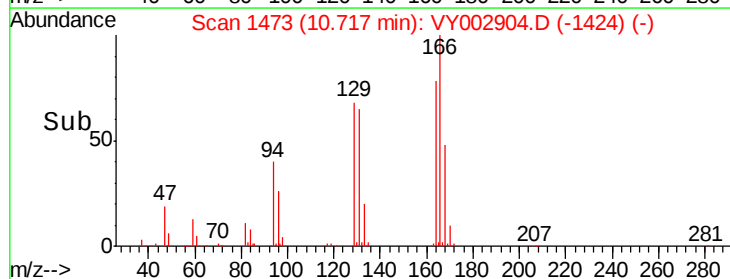
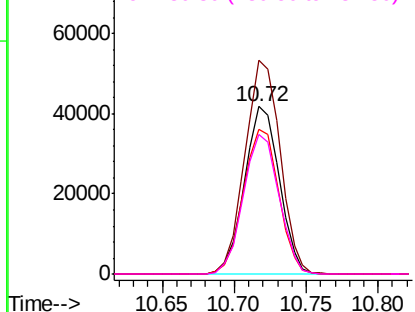


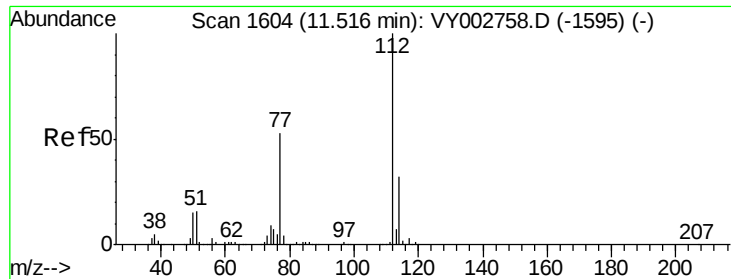
#64
Tetrachloroethene
Concen: 21.212 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion:164 Resp: 69877
Ion Ratio Lower Upper
164 100
166 127.7 102.3 153.5
129 86.8 69.4 104.2
131 83.0 67.8 101.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

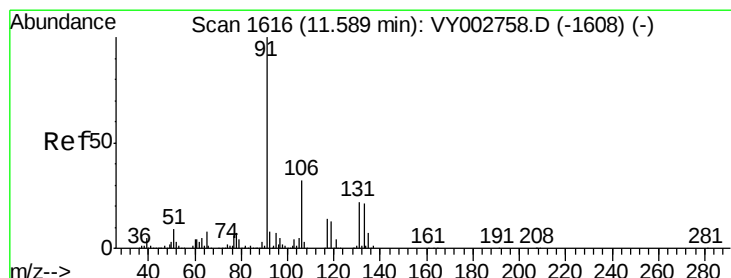
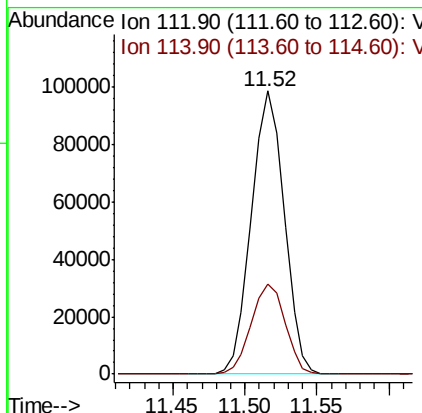
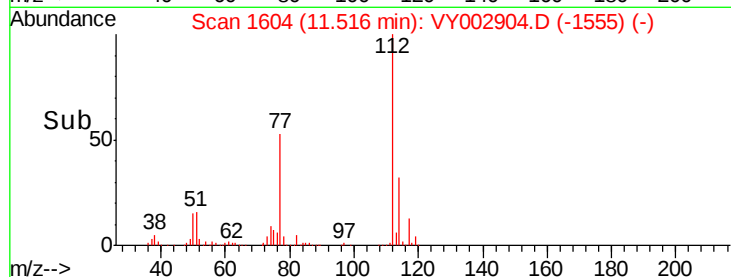
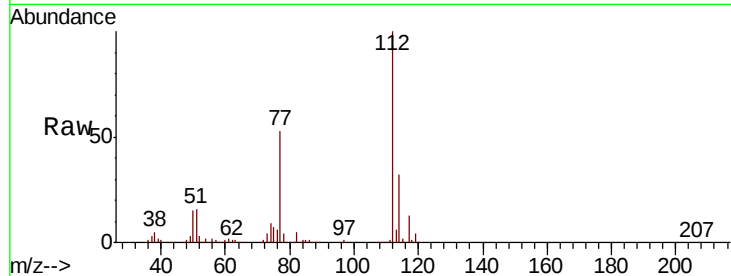




#65
Chlorobenzene
Concen: 21.792 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

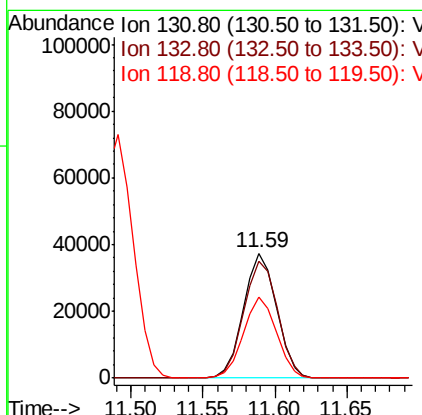
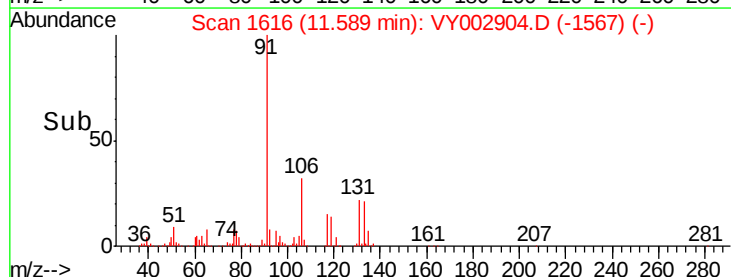
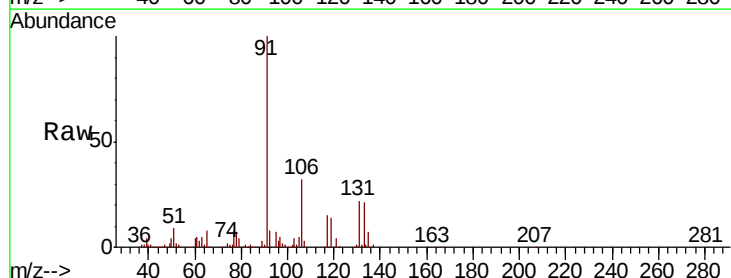
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

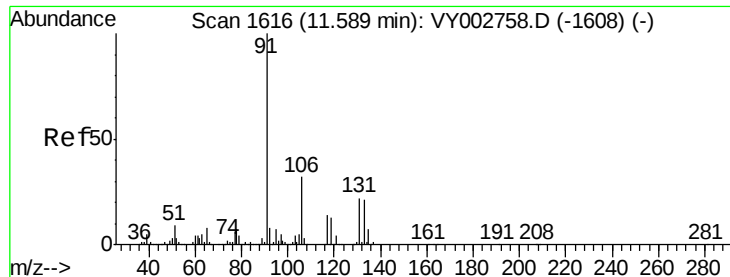
Tot Ion:112 Resp: 156113
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.078 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion:131 Resp: 59567
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.8
119 64.3 31.7 95.1

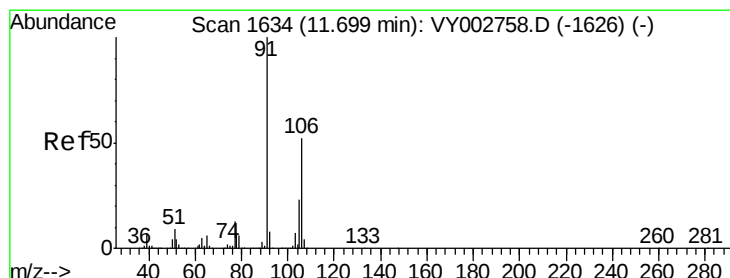
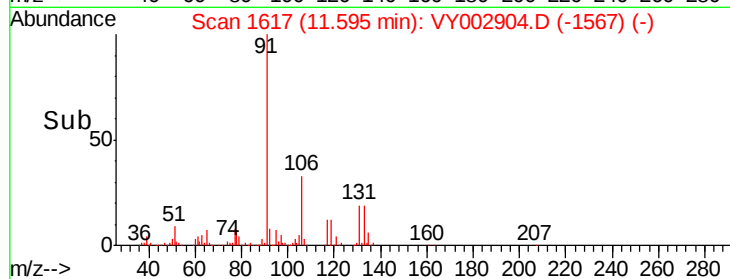
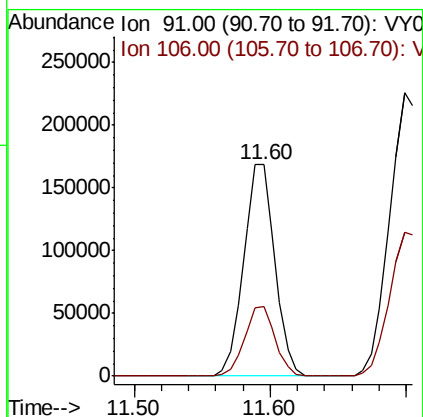
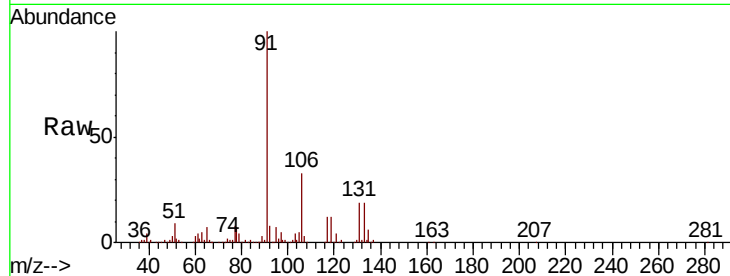




#67
Ethyl Benzene
Concen: 21.751 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

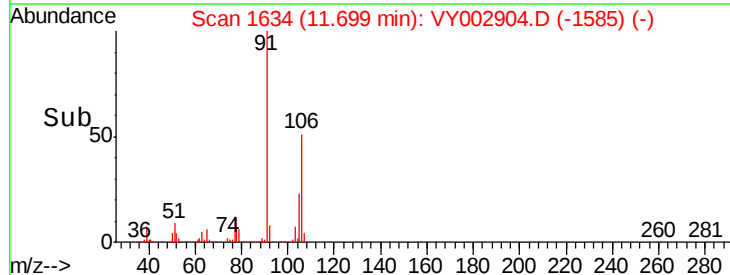
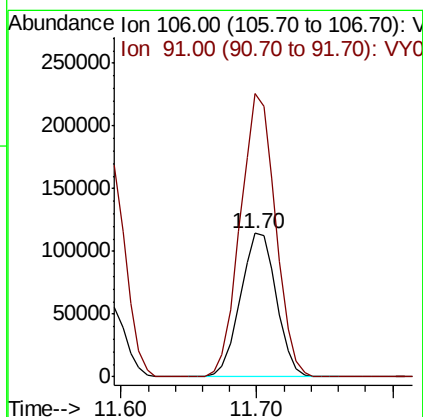
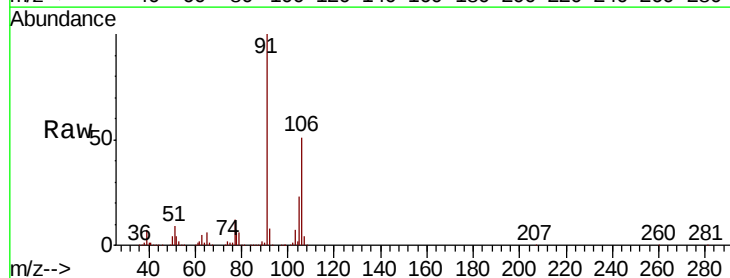
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

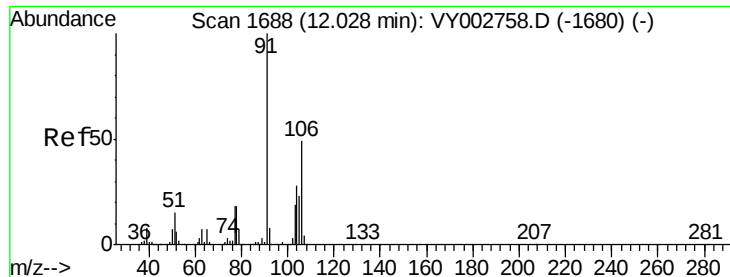
Tot Ion: 91 Resp: 270140
Ion Ratio Lower Upper
91 100
106 33.2 25.7 38.5



#68
m/p-Xylenes
Concen: 43.820 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion: 106 Resp: 211005
Ion Ratio Lower Upper
106 100
91 193.4 156.0 234.0

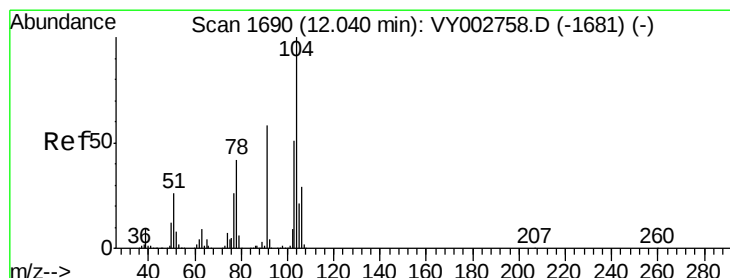
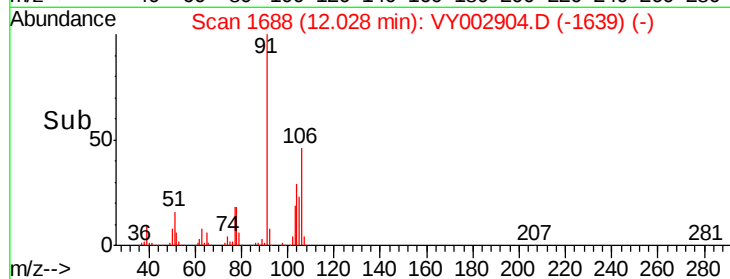
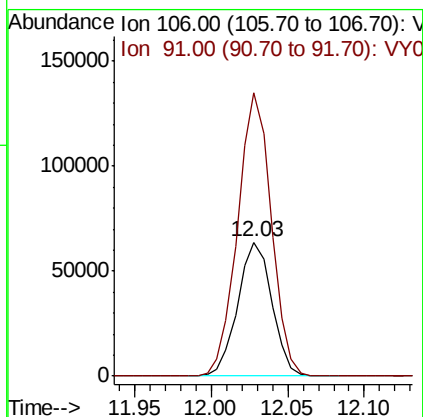
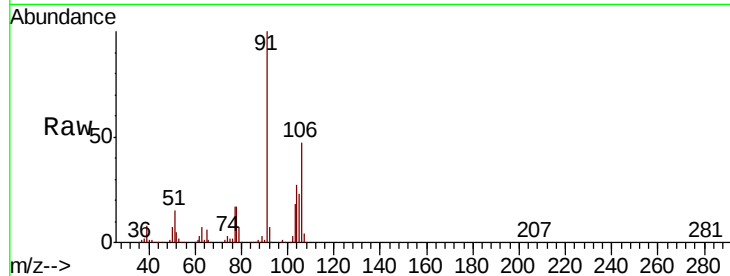




#69
o-Xylene
Concen: 21.688 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

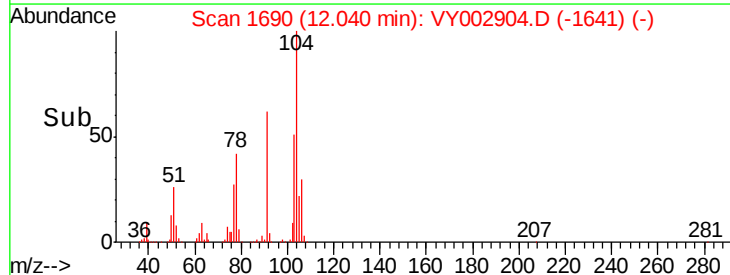
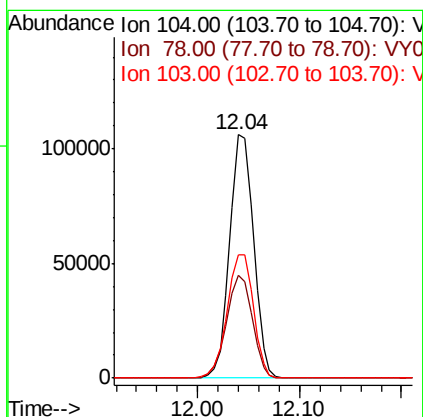
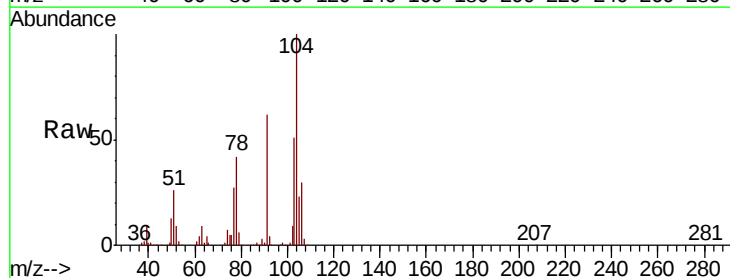
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

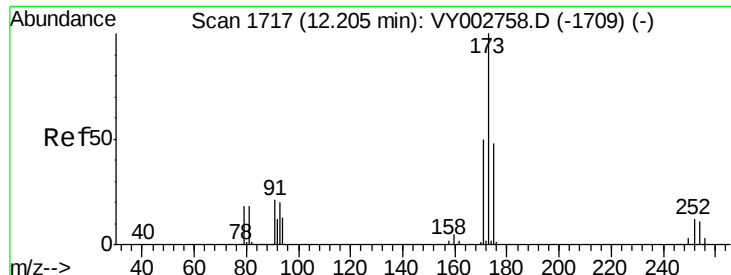
Tot Ion:106 Resp: 98589
Ion Ratio Lower Upper
106 100
91 208.8 102.4 307.1



#70
Styrene
Concen: 21.838 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion:104 Resp: 172088
Ion Ratio Lower Upper
104 100
78 45.9 36.2 54.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 22.756 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

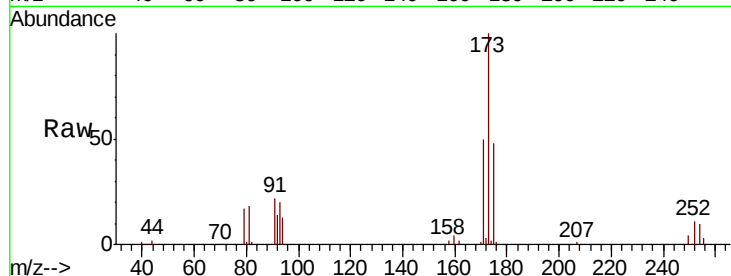
Tot Ion:173 Resp: 41082

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

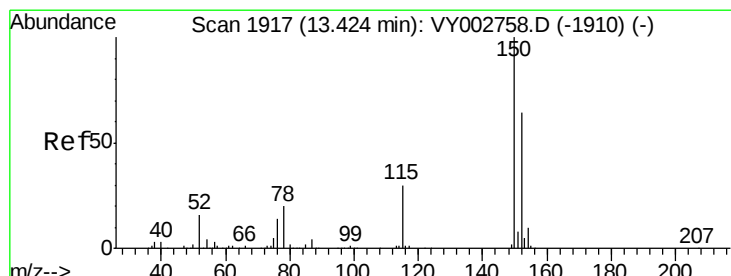
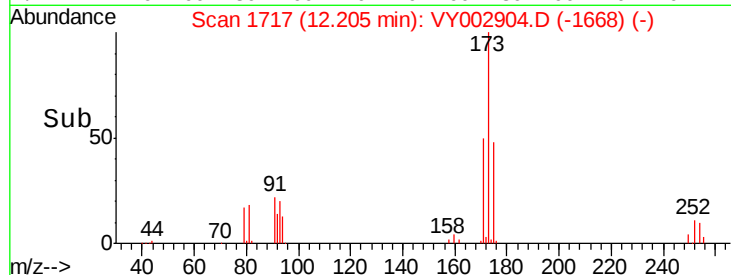
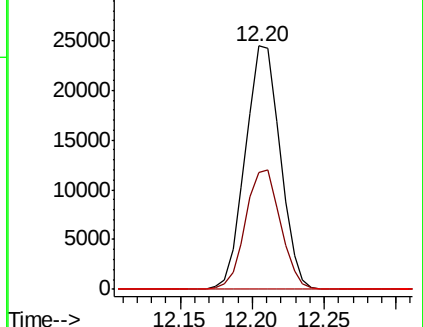
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

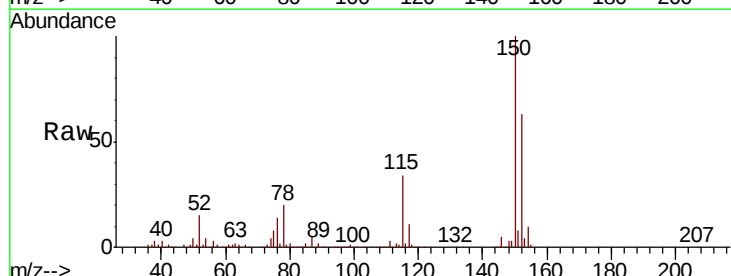
Tgt Ion:152 Resp: 201115

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

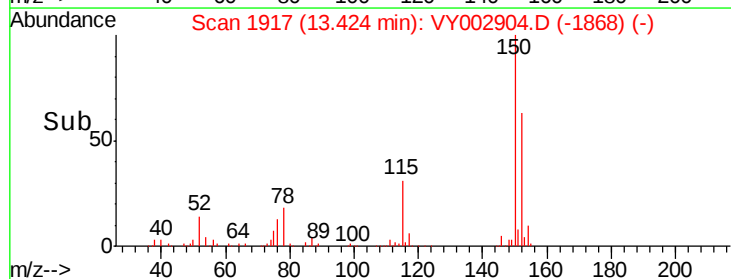
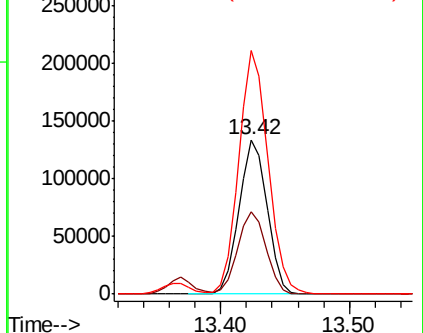
150 164.5 0.0 344.8

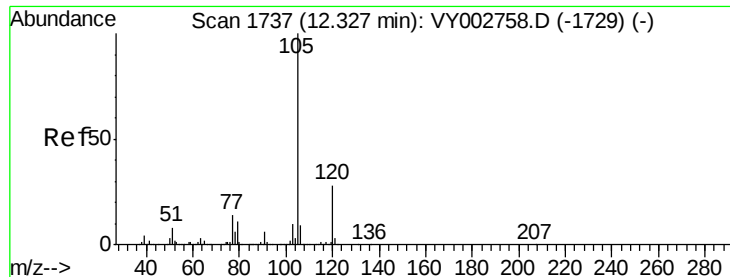


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.239 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

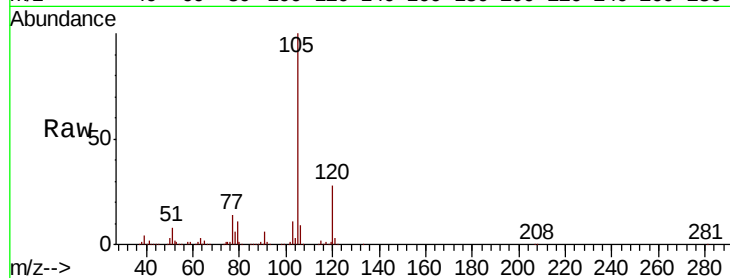
VY0616SBS01

Tot Ion:105 Resp: 273734

Ion Ratio Lower Upper

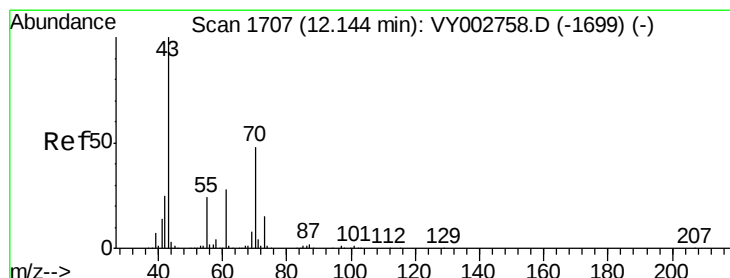
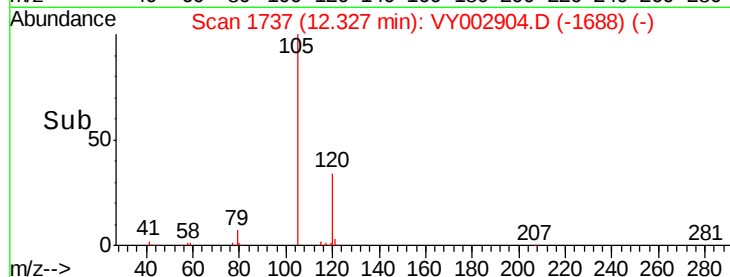
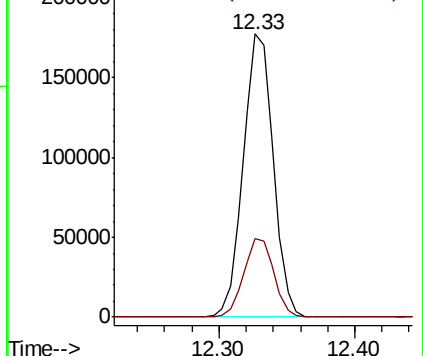
105 100

120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.512 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Tgt Ion: 43 Resp: 71137

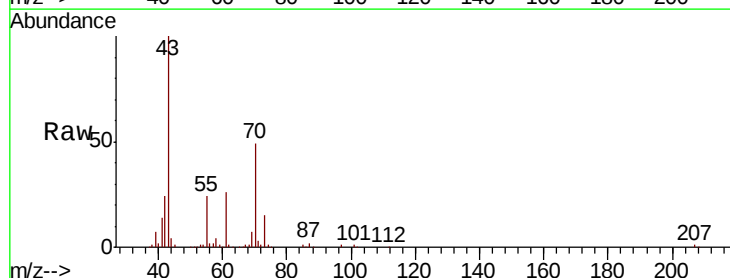
Ion Ratio Lower Upper

43 100

70 47.8 37.7 56.5

55 24.9 19.8 29.6

61 26.2 21.7 32.5

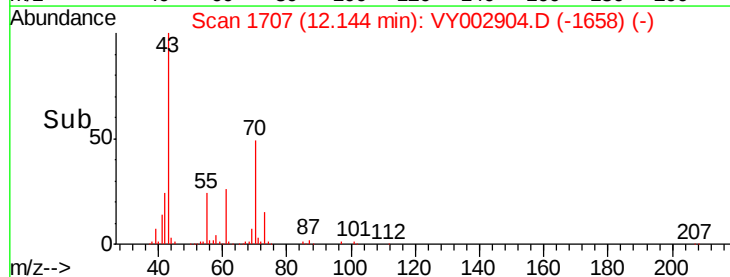
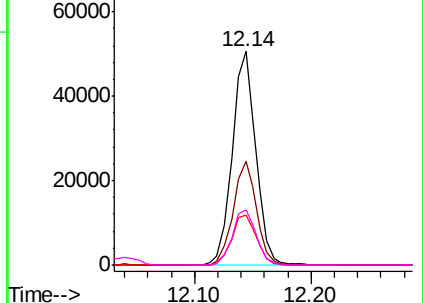


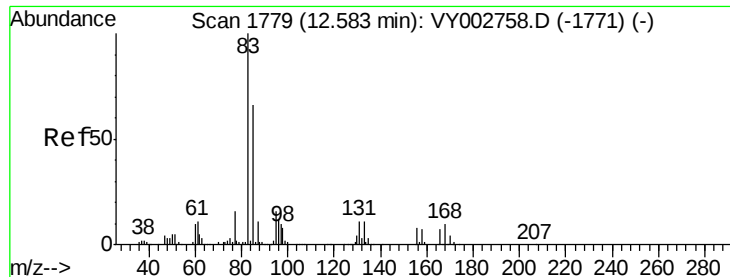
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.020 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

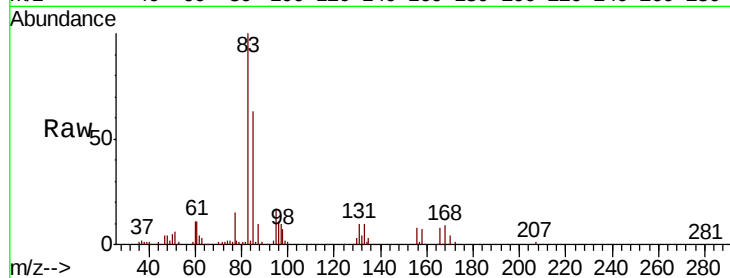
Tot Ion: 83 Resp: 52055

Ion Ratio Lower Upper

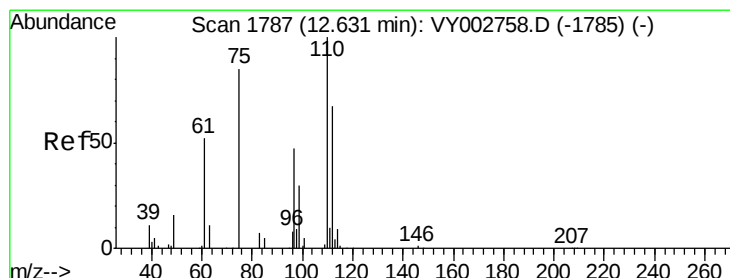
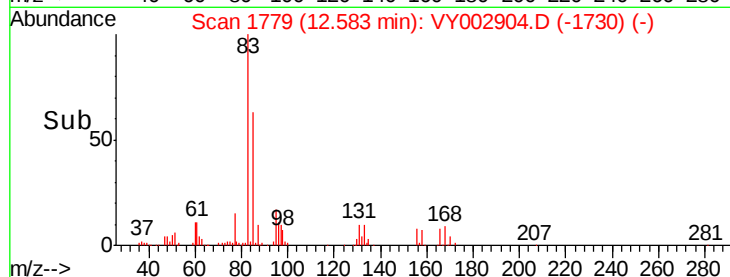
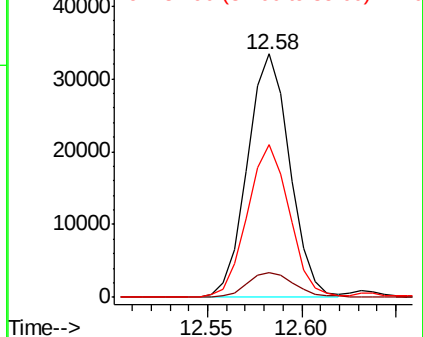
83 100

131 11.6 5.8 17.4

85 62.6 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 40.866 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002904.D

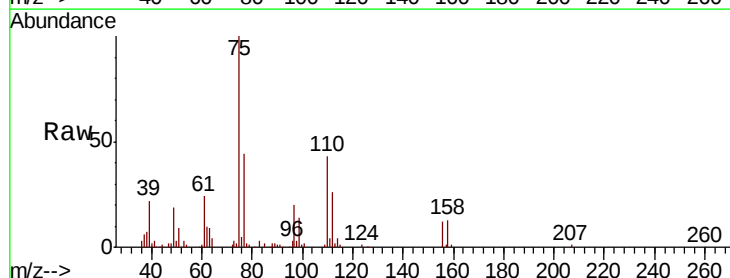
Acq: 16 Jun 2020 12:59

Tgt Ion: 75 Resp: 74056

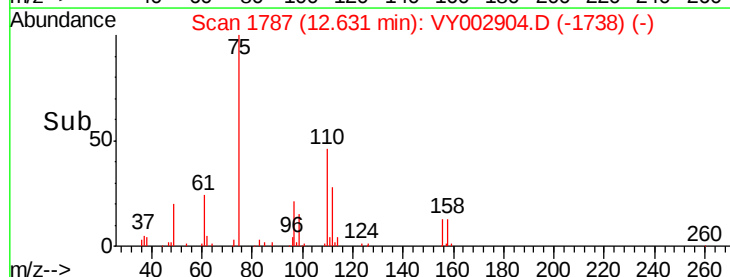
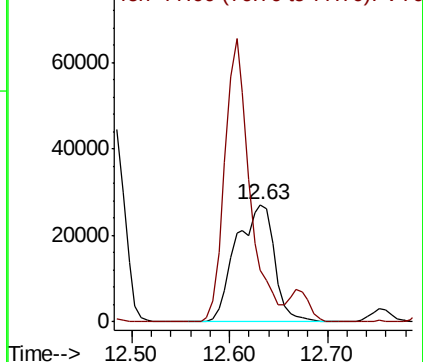
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.998 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

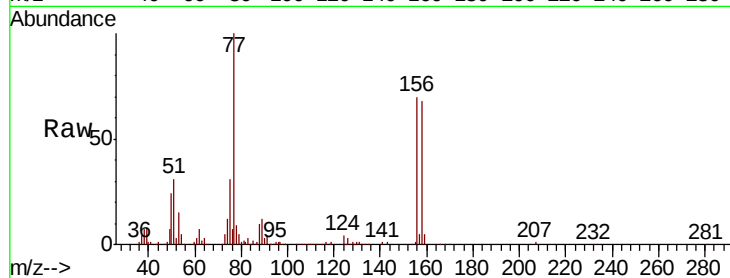
Tot Ion:156 Resp: 70467

Ion Ratio Lower Upper

156 100

77 164.6 81.4 244.2

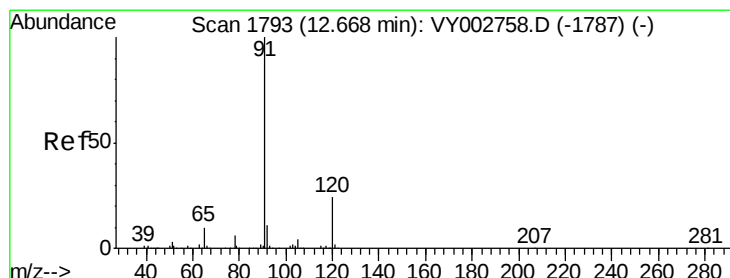
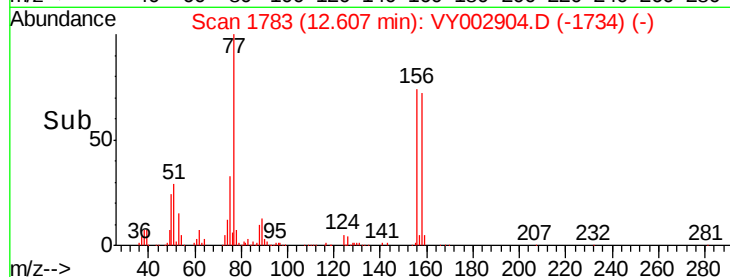
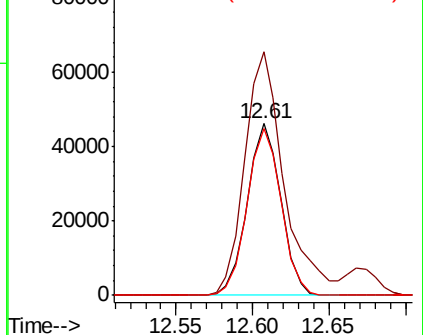
158 98.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.300 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002904.D

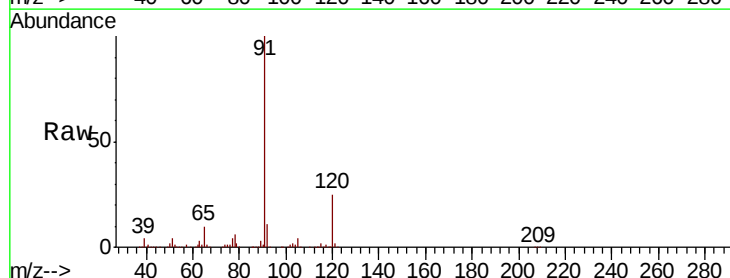
Acq: 16 Jun 2020 12:59

Tgt Ion: 91 Resp: 317100

Ion Ratio Lower Upper

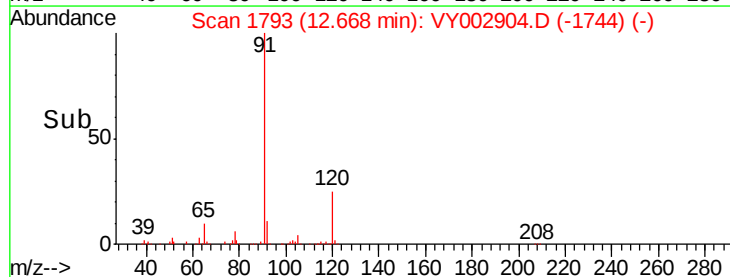
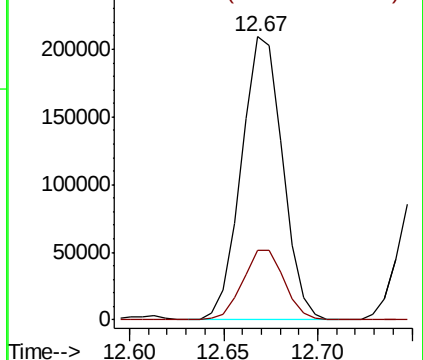
91 100

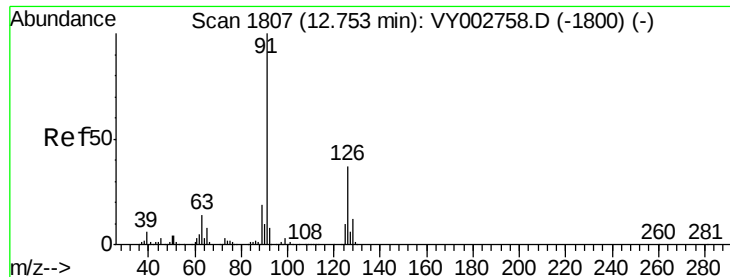
120 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

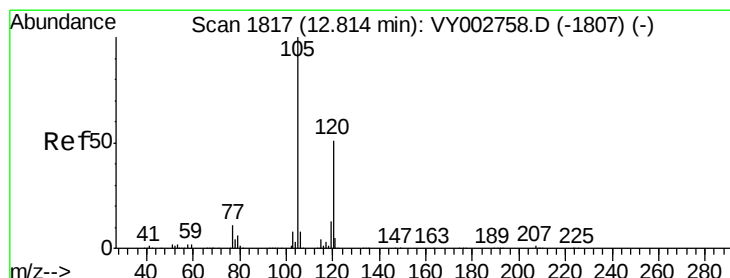
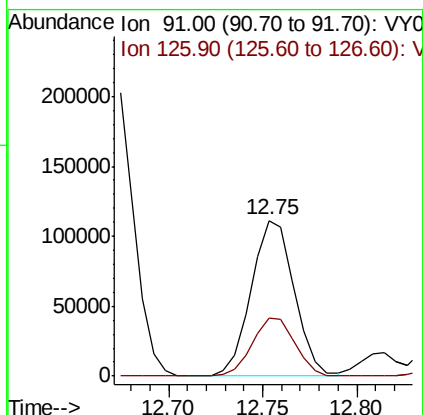
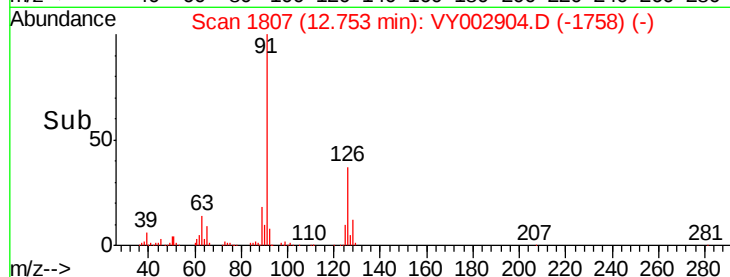
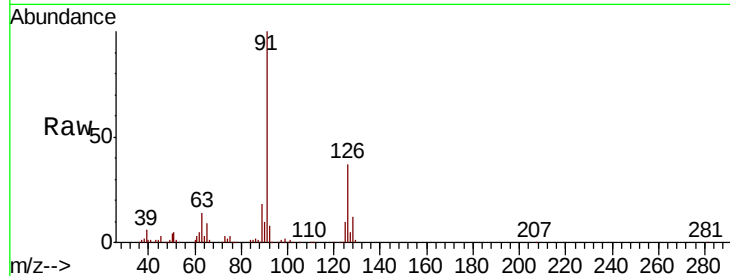




#79
2-Chlorotoluene
Concen: 21.139 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

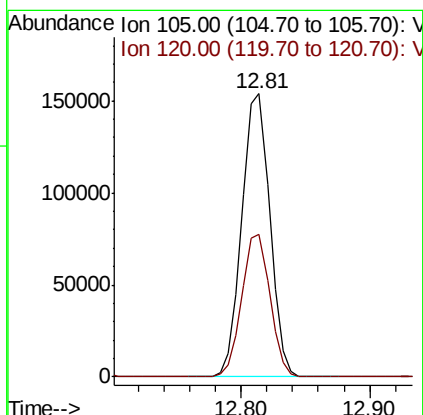
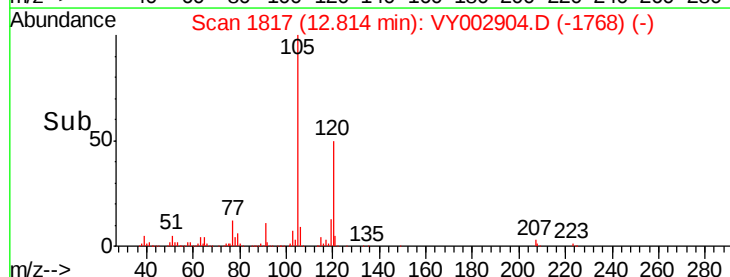
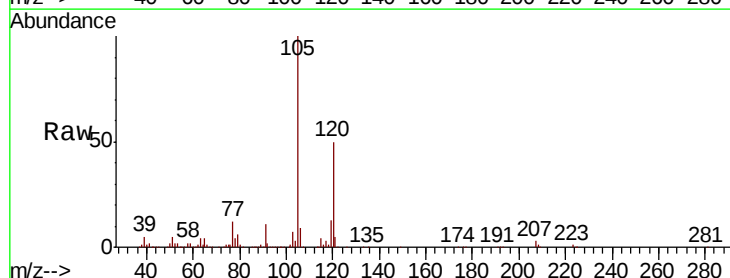
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

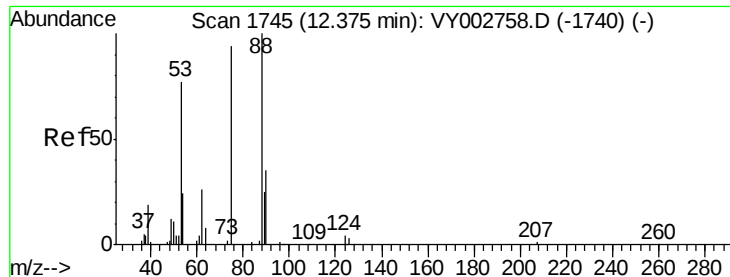
Tot Ion: 91 Resp: 176532
Ion Ratio Lower Upper
91 100
126 37.2 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 21.542 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY002904.D
Acq: 16 Jun 2020 12:59

Tgt Ion:105 Resp: 231817
Ion Ratio Lower Upper
105 100
120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.132 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

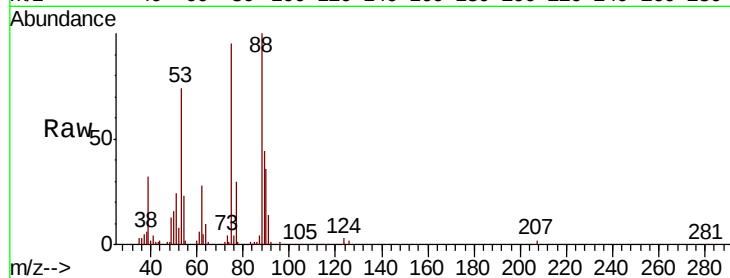
Tot Ion: 75 Resp: 20326

Ion Ratio Lower Upper

75 100

53 83.4 64.0 96.0

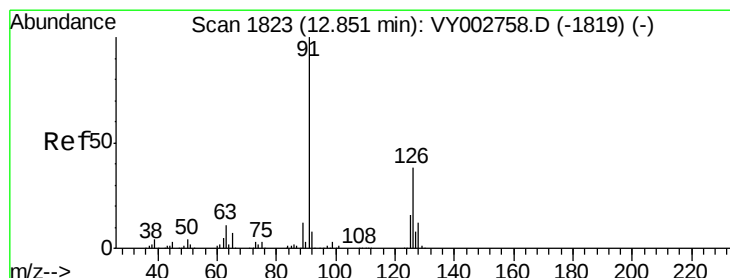
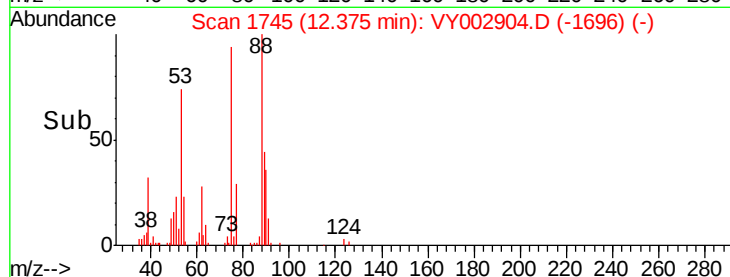
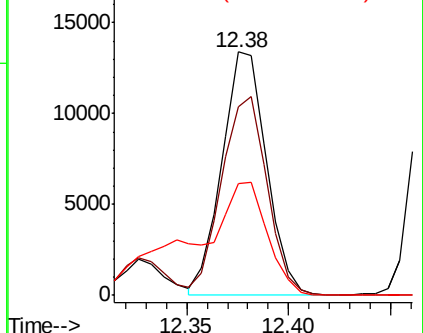
89 48.2 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.273 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002904.D

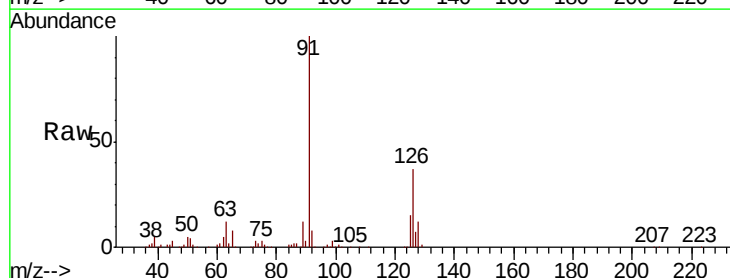
Acq: 16 Jun 2020 12:59

Tgt Ion: 91 Resp: 186131

Ion Ratio Lower Upper

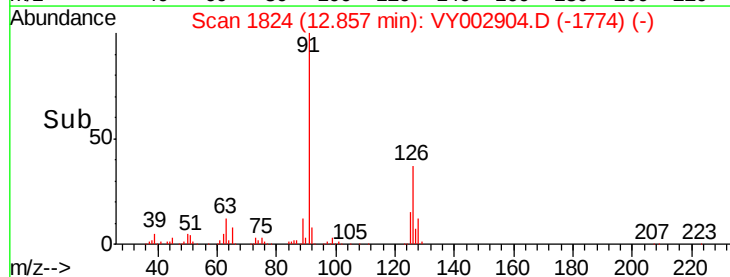
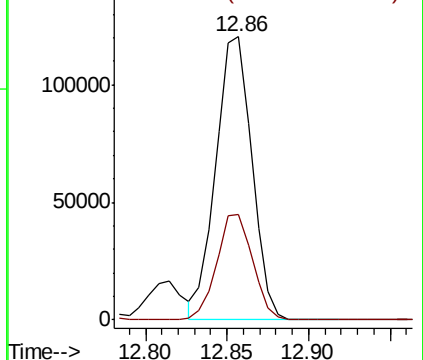
91 100

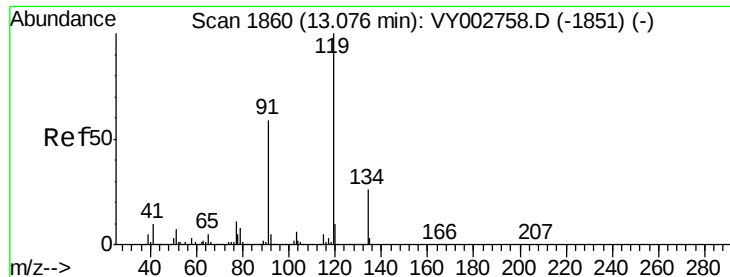
126 37.1 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

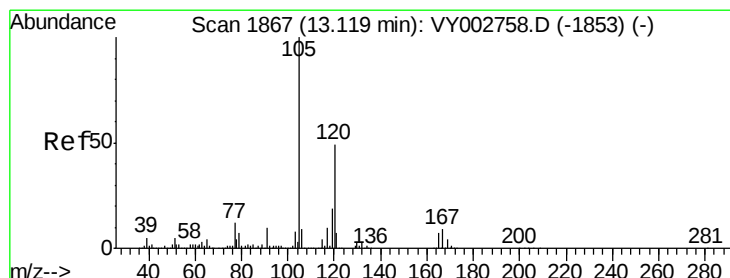
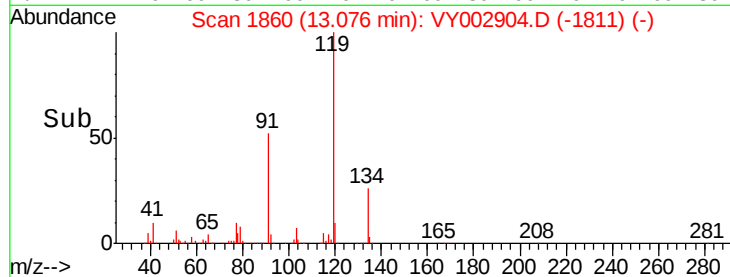
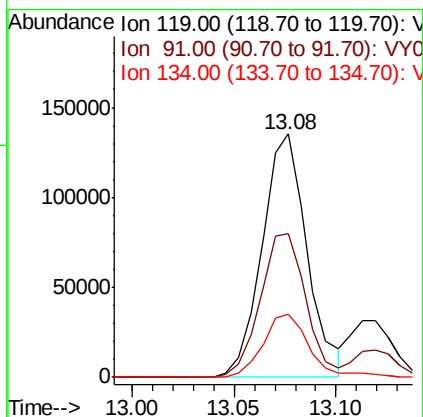
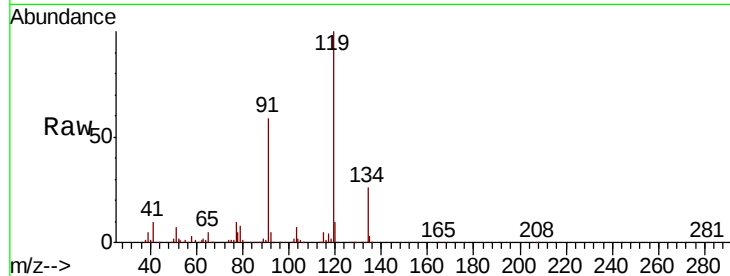




#83
 tert-Butylbenzene
 Concen: 21.601 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

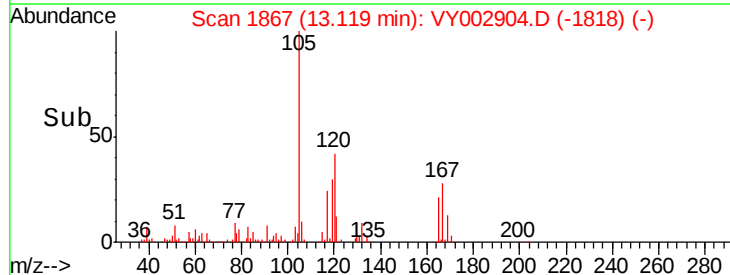
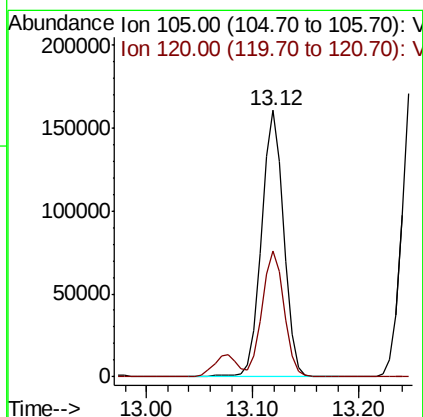
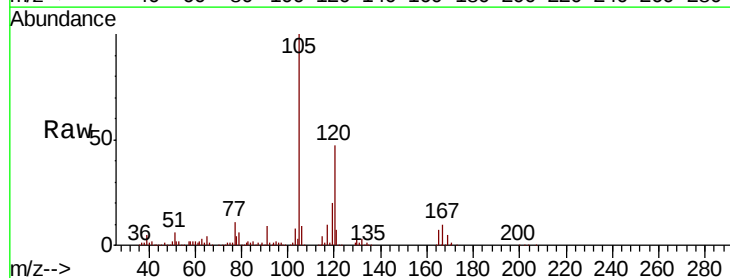
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

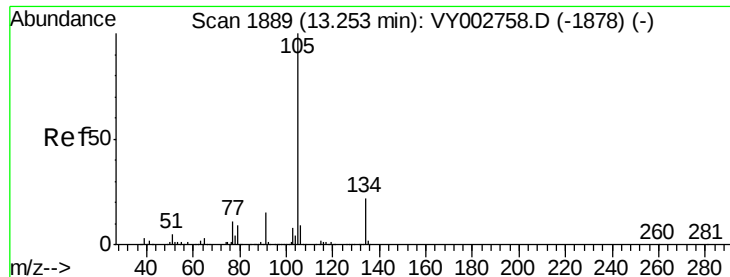
Tot Ion:119 Resp: 207348
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.8 89.4
 134 27.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.672 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion:105 Resp: 234501
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.685 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

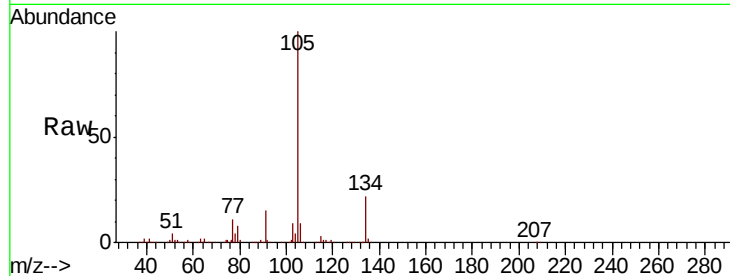
VY0616SBS01

Tot Ion:105 Resp: 284608

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

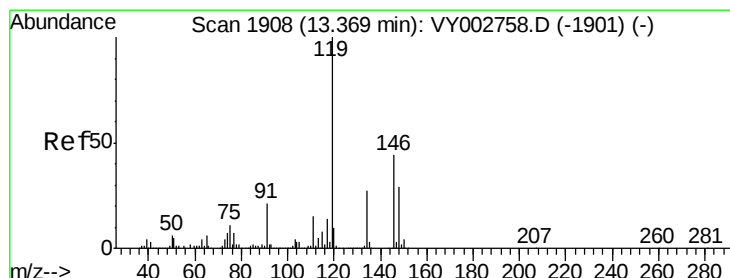
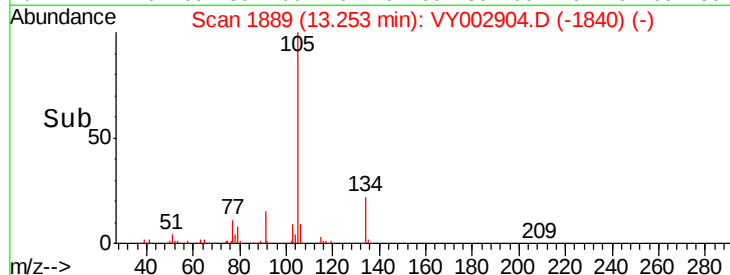
50000

0

13.25

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.854 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

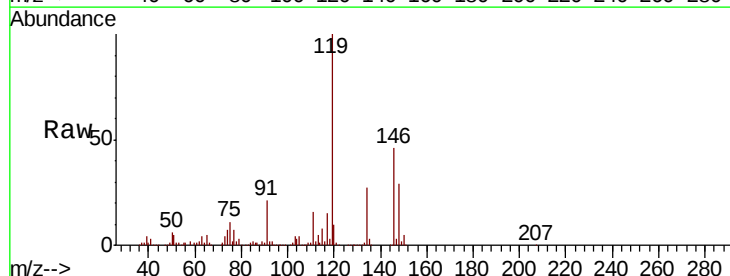
Tgt Ion:119 Resp: 266895

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

91 21.6 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

100000

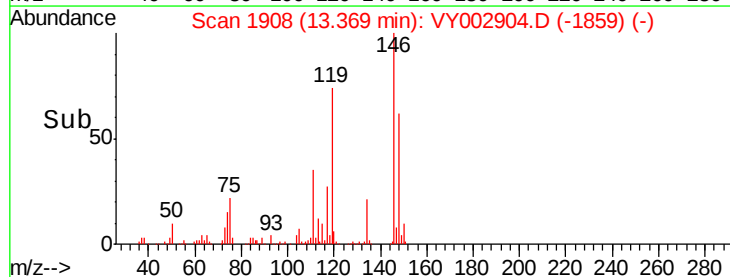
50000

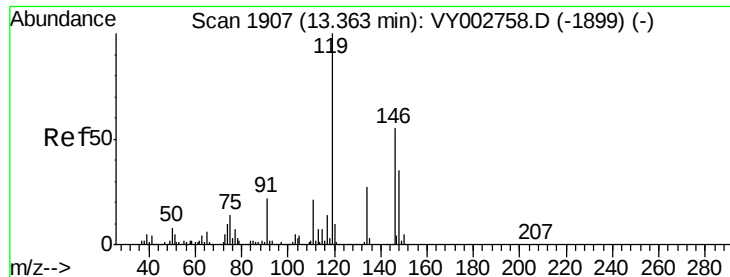
0

13.37

13.30 13.35 13.40 13.45

Time-->

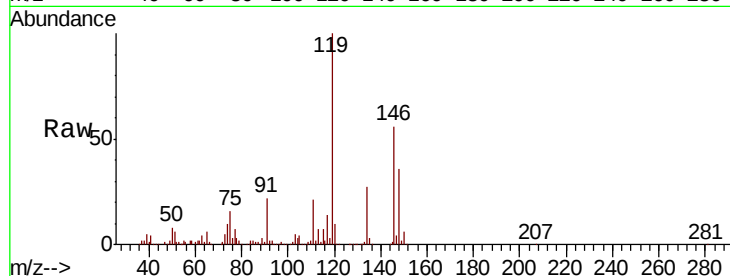




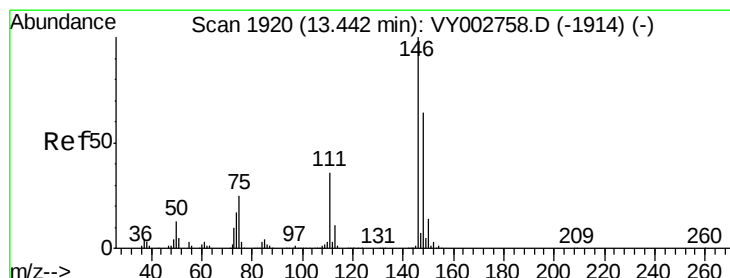
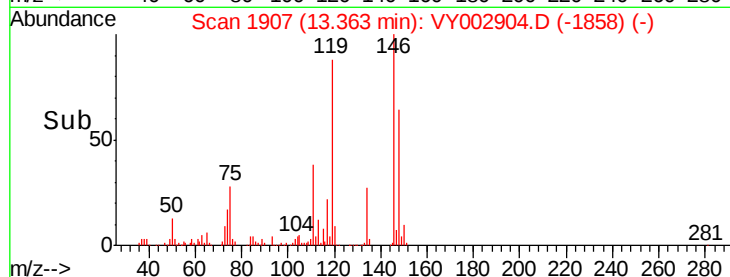
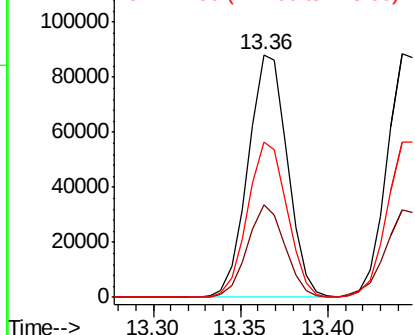
#87
 1,3-Dichlorobenzene
 Concen: 21.736 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tot Ion:146 Resp: 138172
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.0
 148 64.1 31.9 95.7

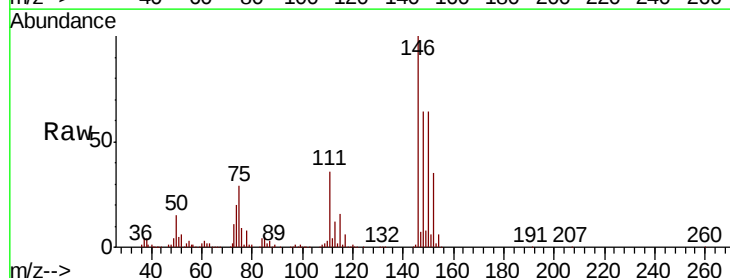


Abundance Ion 145.90 (145.60 to 146.60): V
 120000 Ion 110.90 (110.60 to 111.60): V
 100000 Ion 147.90 (147.60 to 148.60): V

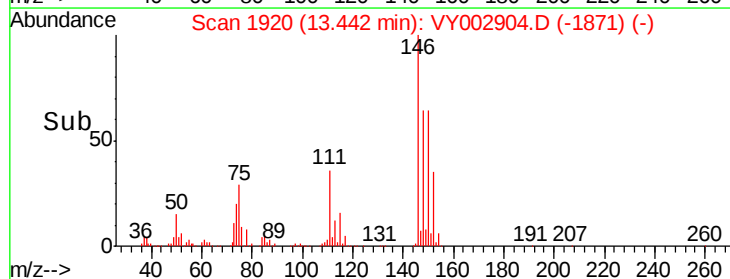
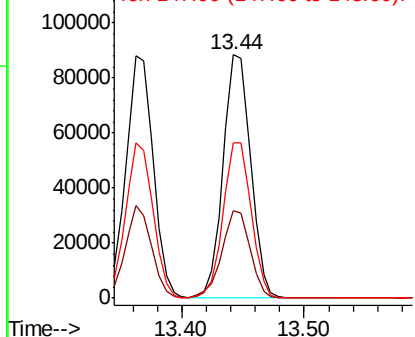


#88
 1,4-Dichlorobenzene
 Concen: 21.714 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion:146 Resp: 138080
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.3
 148 64.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 120000 Ion 110.90 (110.60 to 111.60): V
 100000 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.909 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

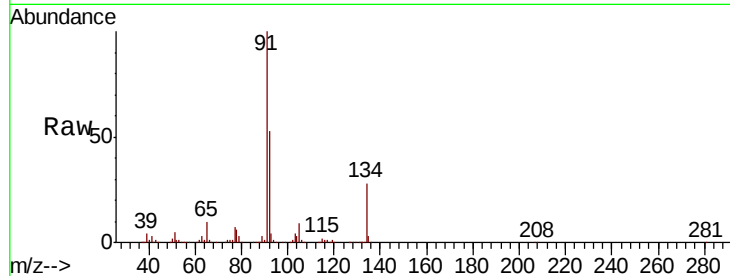
Tot Ion: 91 Resp: 242924

Ion Ratio Lower Upper

91 100

92 53.2 27.1 81.2

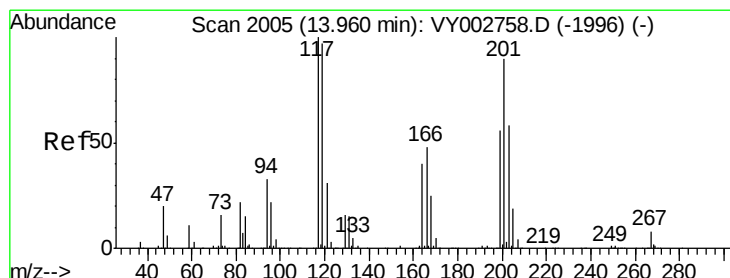
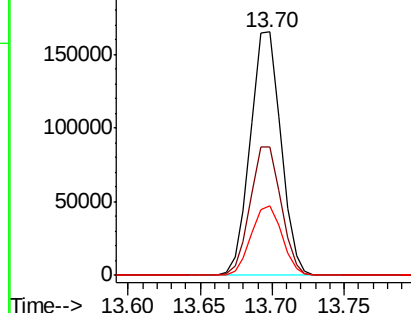
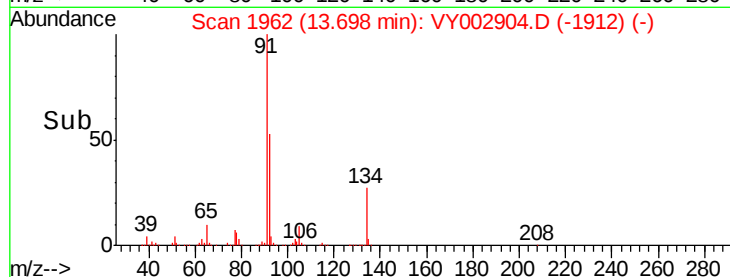
134 28.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002904.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002904.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002904.D (-1912) (-)



#90

Hexachloroethane

Concen: 21.921 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002904.D

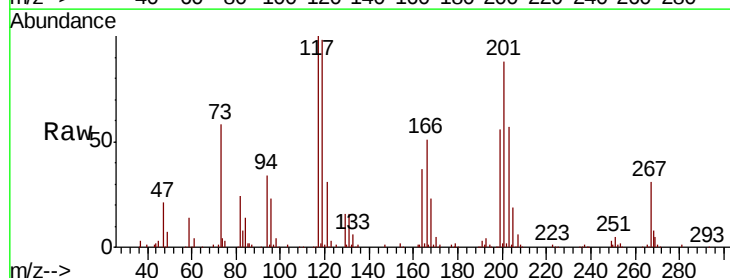
Acq: 16 Jun 2020 12:59

Tgt Ion: 117 Resp: 50119

Ion Ratio Lower Upper

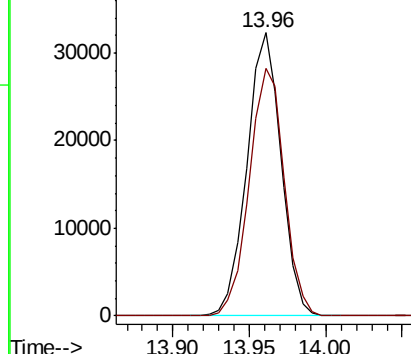
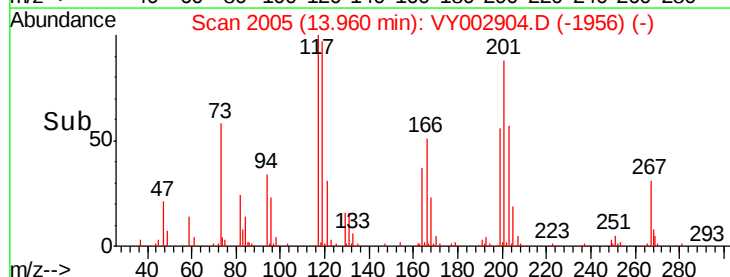
117 100

201 89.4 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002904.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002904.D (-1956) (-)

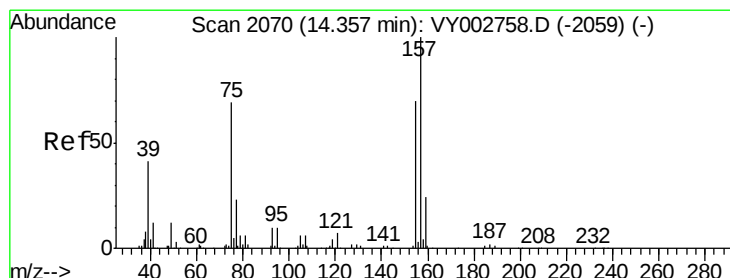
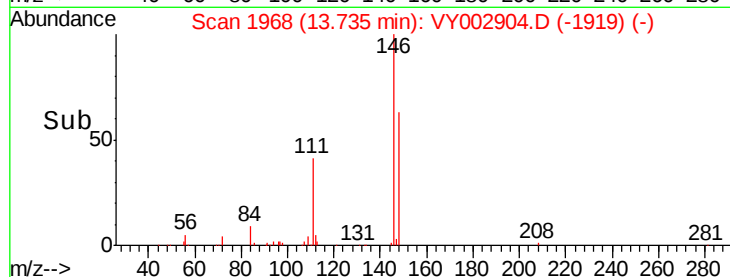
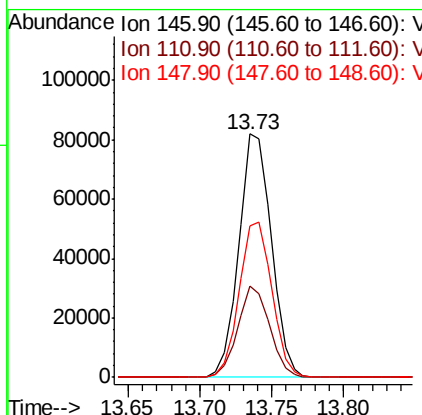
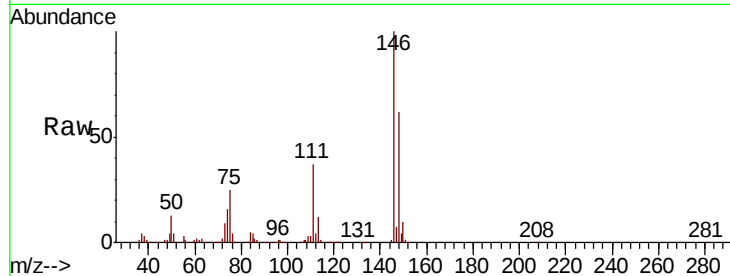




#91
 1,2-Dichlorobenzene
 Concen: 22.245 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

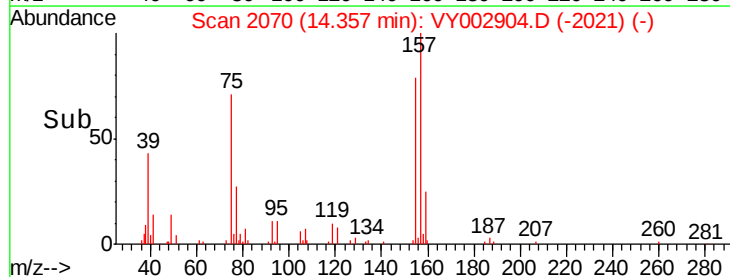
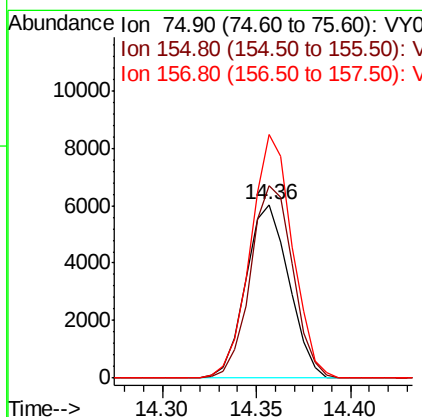
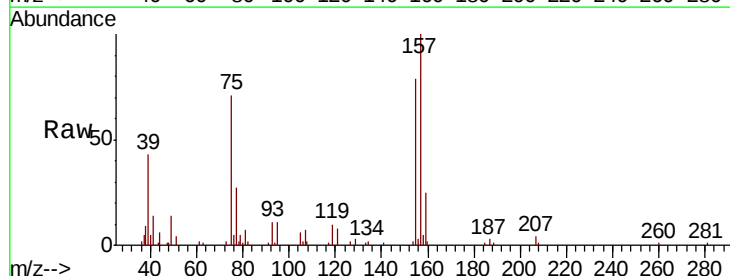
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

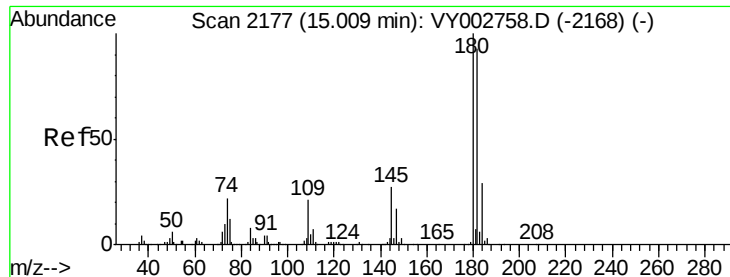
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.9
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.937 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.6	53.5	160.5
157	136.5	69.9	209.7

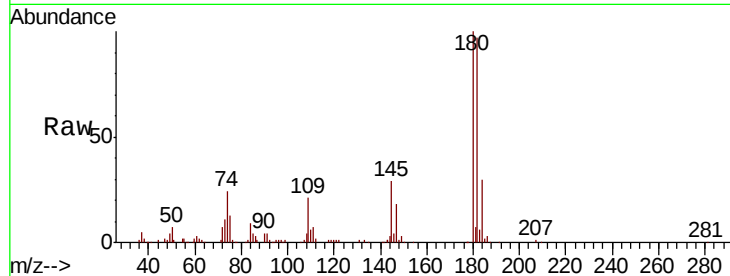




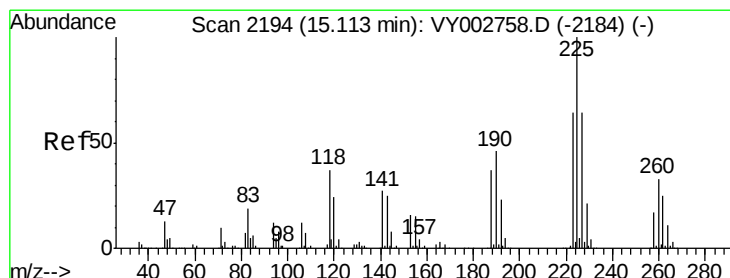
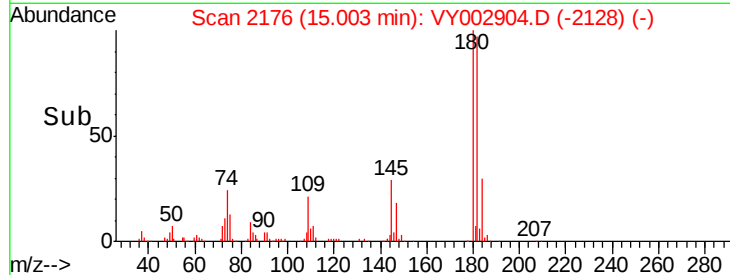
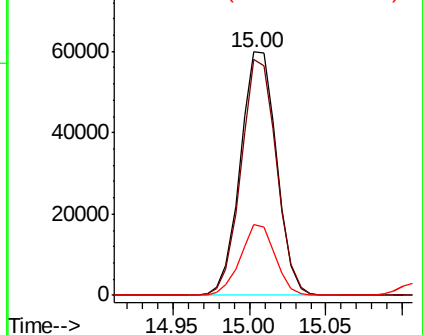
#93
 1,2,4-Trichlorobenzene
 Concen: 22.632 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tot Ion:180 Resp: 98346
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 141.9
 145 27.8 14.1 42.3

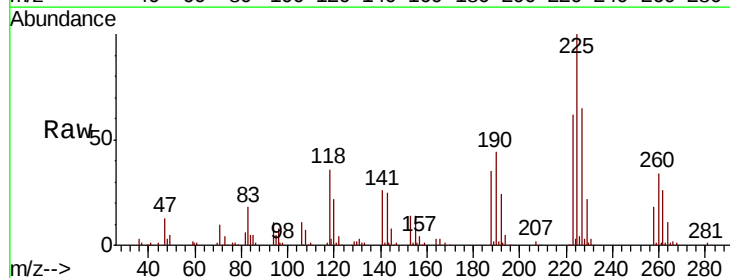


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

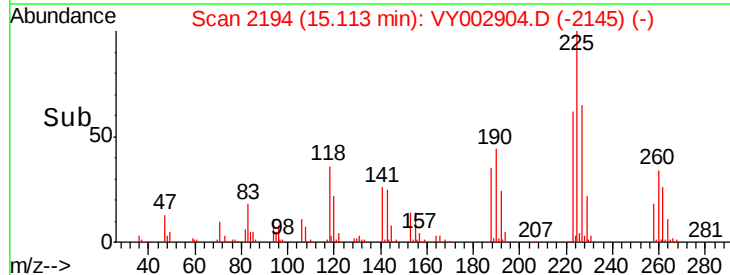
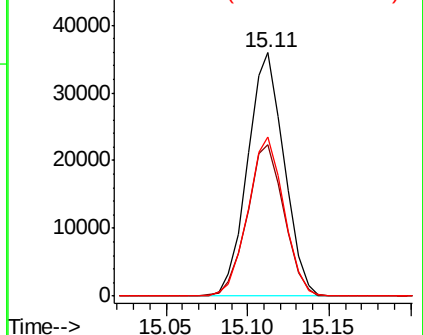


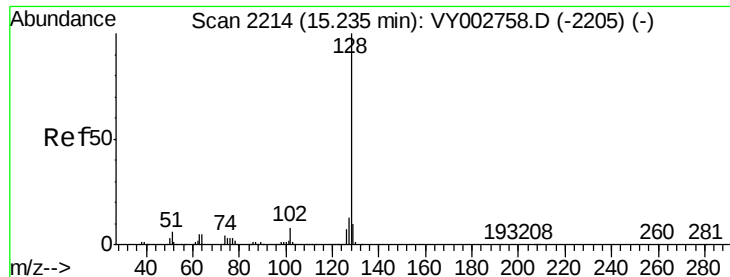
#94
 Hexachlorobutadiene
 Concen: 22.699 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002904.D
 Acq: 16 Jun 2020 12:59

Tgt Ion:225 Resp: 55945
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.2 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.100 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

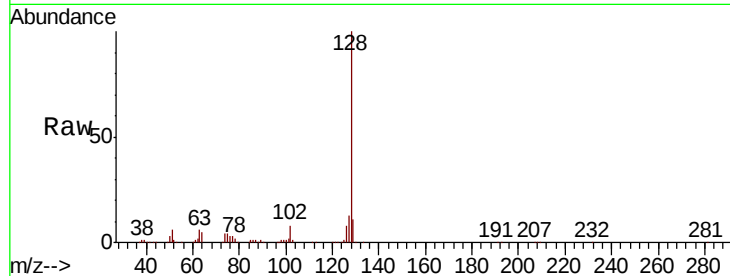
Tot Ion:128 Resp: 192548

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.1 8.7 13.1

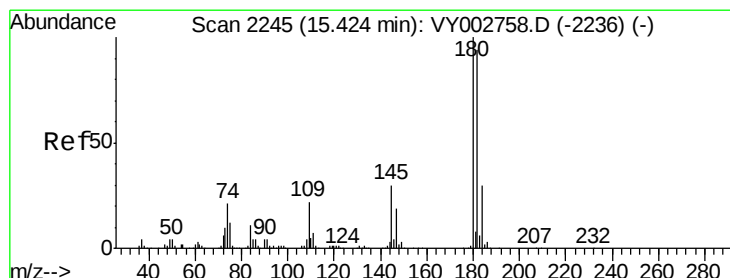
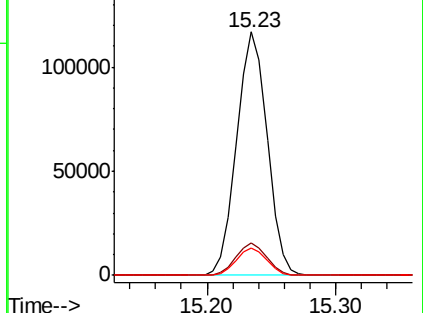
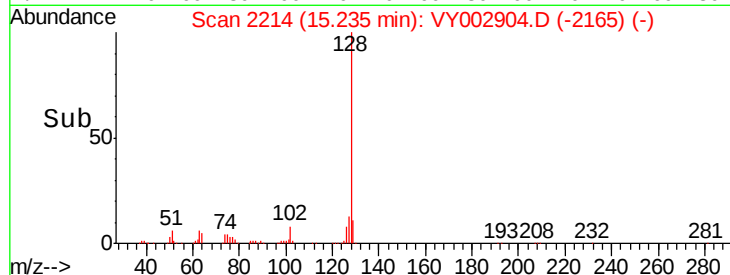


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.662 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY002904.D

Acq: 16 Jun 2020 12:59

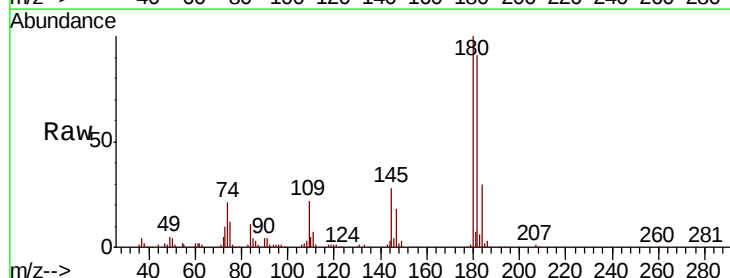
Tgt Ion:180 Resp: 87935

Ion Ratio Lower Upper

180 100

182 93.8 48.1 144.4

145 28.9 15.1 45.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

